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RAF LAKENHEATH UNITED KINGDOM REVISED UNIFORM SUMMARY

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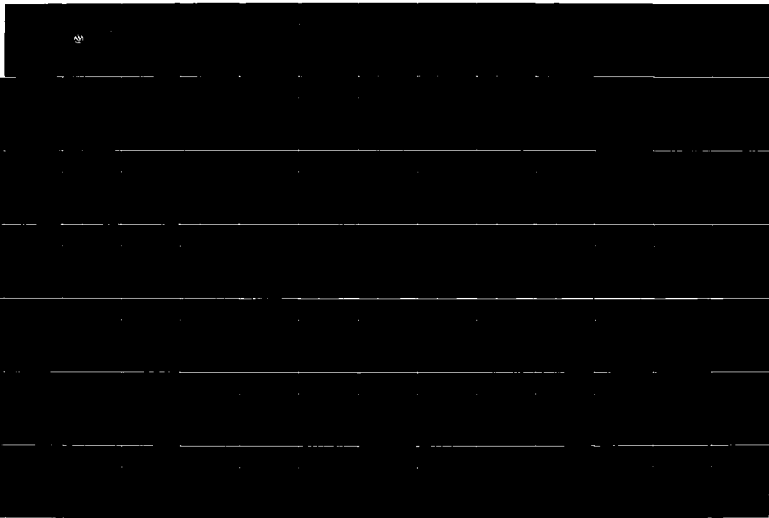
OF SURFACE WEATHER (U) AIR FORCE ENVIRONMENTAL

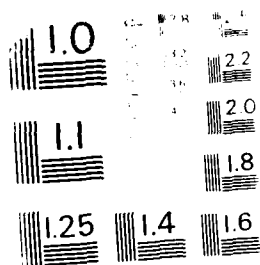
TECHNICAL APPLICATIONS CENTER SCOTT AFB TEX 88

UNCLASSIFIED USAP/AC/DS-88/011

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Resolution Test Chart

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UK 034833

USAFETAC/DS-88/C11

MP DEC 1987

**OPERATING LOCATION - A**  
**USAFETAC**  
**Air Weather Service (MAC)**



**REVISED UNIFORM SUMMARY OF  
SURFACE WEATHER OBSERVATIONS**

RAF LAKEENHEATH UK MSC# 035833  
N 52 25 E 000 34 ELEV 32 FT EGUL  
PARTS A - F HOURS SUMMARIZED 0000 - 2300 LST  
PERIOD OF RECORD:  
HOURLY OBSERVATIONS: OCT 77 - SEP 87  
SUMMARY OF DAY DATA: MAY 49 - SEP 87

5-3-88 1988

**FEDERAL BUILDING**

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**REVIEW AND APPROVAL STATEMENT**

USAFETAC/DS-88/011 RAF LAKENHEATH UK (RUSSWO) Feb 1988 is approved for public release. There is no objection to unlimited distribution of this document to the public at large, or by the Defense Technical Information Center (DTIC) to the National Technical Information Service (NTIS).

This document has been reviewed and is approved for publication.

FOR THE COMMANDER



WALTER S. BURGMANN

Scientific and Technical Information Program Manager

REPORT DOCUMENTATION PAGE

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19. Abstract: A six-part statistical data summary of surface weather observations for: RAF Lakenheath. Summary consists of: PART A, Weather Conditions and Atmospheric Phenomena; PART B, Precipitation; PART C, Surface Winds; PART D, Ceiling and Visibility; PART E, Psychrometric Summaries; PART F, Pressure Summaries. See USAFETAC/TN-83/001 (ADA132186), An Aid for Using the Revised Uniform Summary of Surface Weather Observations (RUSSWO) for complete description of contents and instructions for use.
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- 22a. Name of Responsible Individual: Marianne L. Cavanaugh
- 22b. Telephone: (618)256-2625
- 22c. Office Symbol: USAFETAC/LDD

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[illegible]

STATION NAME: RAF LAKENHEATH UNITED KINGDOM

STATION NUMBER: 035633

CALL ID: 1691

PERIOD OF RECORD:

HOURS SUMMARIZED: 0070-2100 LST

FOURLY OBSERVATIONS: OCT 77 - SEP 87

SUMMARY OF DAY DATA: MAY 49 - JUL 67

TIME CONVERSION LST TO GMT: +7

DATE PRODUCED: 04 FEB 1985

OL-A/USAFETAC/MAC/AWS  
ASHEVILLE NC 28901

REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS: ALL RECORD OR RECORD SPECIAL OBSERVATIONS RECORDED ON THE AWS FORMS 10/10A AT SCHEDULED HOURLY INTERVALS.

SUMMARY OF DAY DATA (DAILY OBSERVATIONS): DATA COMPILED FROM ALL AVAILABLE OBSERVATIONS WHICH INCLUDES HOURLY OBSERVATIONS AND DAILY DATA RECORDED IN COLUMNS 66-73, AWS FORMS 10/10A.

DESCRIPTION OF SUMMARIES: PRECEDING EACH PART OF THE RUSSWO IS A BRIEF DISCUSSION OF THE SUMMARY INCLUDING THE MANNER OF PRESENTATION.

STANDARD 3-HOUR TIME GROUPS: IN ALL SUMMARIES SHOWING DIURNAL VARIATIONS, WE SUMMARIZE DATA USING THE FOLLOWING EIGHT 3-HOUR TIME PERIODS IN LOCAL STANDARD TIME: 0000-0200, 0300-0500, 0600-0800, 0900-1100, 1200-1400, 1500-1700, 1800-2000, 2100-2300 LST.

FOR A DETAILED DESCRIPTION OF EACH SUMMARY WITH EXAMPLES AND EXERCISES ON ITS USAGE, SEE USAFETAC/IN-R3-001, "AN AID FOR USING THE REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS" (RUSSWO).

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AWSMC NUMBER: THIS NUMBER IS THE AIR WEATHER SERVICE MASTER STATION CATALOG NUMBER. THIS NUMBER IS COMPOSED OF THE WMO NUMBER WITH THE ADDITION OF A SUFFIX (0 THROUGH 9). IN CASES WHERE THERE IS NO DESIGNATED WMO NUMBER, A 5-DIGIT NUMBER IS CREATED IN AGREEMENT WITH WMO RULES PLUS A SIXTH DIGIT. THESE NUMBERS ARE ALSO REFERRED TO AS DATSAV OR USAFETAC NUMBERS WHICH UNIQUELY IDENTIFY MORE THAN 15,000 REPORTING STATIONS WORLD WIDE.

STATION NO. OR SUMMARY	STATION NAME	LATITUDE	LONGITUDE	ELEVATION (FT)	ALTITUDE (FT)	AMON. METER
035933	LAKENHEATH RAF, UK/BRANDON	N 52 24	E 000 34	22	1000	

## STATION LOCATION AND INSTRUMENTATION HISTORY

NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION (FT) MSL		TYP. REC. PER
			FROM	TO			HT. (FT)	HT. (M)	
1	Lakenheath RAF Brandon England	RAF	May 49	Mar 53	N 52 24	E 000 34	22	1000	1
2	Same	RAF	Apr 53	Dec 56	N 52 24	E 000 34	22	1000	1
3	Same	RAF	Jan 57	Feb 61	N 52 24	E 000 34	22	1000	1
4	Same	RAF	Mar 61	12 May 67	N 52 24	E 000 34	22	1000	1
5	Same	Same	13 May 67	Feb 71	Same	Same	22	1000	1
6	Same	Same	Mar 71	Nov 77	N 52 24	E 000 34	22	1000	1
7	Same	Same	Nov 77	Nov 81	N 52 24	Same	22	1000	1
8	Same	Same	Dec 81	Dec 84	N 52 24	Same	22	1000	1
9	Same	Same	Dec 85	Sep 87	N 52 24	E 000 34	22	1000	1

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				HT. ABOVE GROUND	REMARKS
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER			
1	May 49	Open	Open	Open	Open		
2	Apr 53	located top of Control Tower	AN/SPW-1	None	10 FT		Transmitter located on top of Control Tower
3	Dec 56	located 500 yds East of observation point.	AN/SPW-1	None	10 FT		Transmitter located 500 yds East of observation point
4	Mar 59	located 1500 FT East of Control Tower	AN/SPW-1	None	10 FT		Transmitter located 1500 FT East of Control Tower
5	Apr 68	located 0.3 mi East of Control Tower	AN/SPW-1	Pos-2	Same		Transmitter located 0.3 mi East of Control Tower
6	Nov 67	located 800 FT from centerline of Rwy 6.	Same	Same	14 FT		Transmitter located 800 FT from centerline of Rwy 6
7	Mar 64	1. Rwy 24-500 FT off centerline, 1500 FT from the end.	AN/SPW-1	Same	13 FT		Transmitter located 1. Rwy 24-500 FT off centerline, 1500 FT from the end

CONTINUED ON REVERSE SIDE



NUMBER OF STATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
		2. Rmsy 06-500 Ft off centerline, 1000 Ft from the end.	Same		13 Ft	
8	Apr 69	1. No change.	Same	PO-362	Same	
		2. No change.	Same		Same	
9	Nov 77	1. No change.	Same	PO-362	Same	
		2. No change.	Same		Same	
10	Dec 81	1. No change.	AM/GMO-20	Same	Same	
		2. No change.	AM/GMO-20	Same	Same	
11	Dec 84	1. No change.	AM/GMO-20	Same	Same	
		2. No change.	AM/GMO-20	Same	Same	

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## WEATHER CONDITIONS AND ATMOSPHERIC PHENOMENA SUMMARIES

### WEATHER CONDITIONS SUMMARY

1. A PERCENTAGE FREQUENCY OCCURRENCE SUMMARY OF VARIOUS ATMOSPHERIC PHENOMENA AND OBSTRUCTIONS TO VISION.
2. DATA BASED ON HOURLY OBSERVATIONS.
3. SUMMARIZED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED).

### ATMOSPHERIC PHENOMENA SUMMARY

1. A PERCENTAGE FREQUENCY OF DAYS SUMMARY OF VARIOUS ATMOSPHERIC PHENOMENA AND OBSTRUCTIONS TO VISION.
2. DATA BASED ON SUMMARY OF DAY DATA.
3. SUMMARIZED BY MONTH WITH ALL HOURS AND ALL YEARS COMBINED.

### DEFINITIONS:

THUNDERSTORMS: ALL REPORTED THUNDERSTORMS, TORNADOES AND WATERSPOUTS.

RAIN AND/OR DRIZZLE: ALL REPORTED RAIN AND OR DRIZZLE FALLING TO THE GROUND BUT NOT FREEZING.

FREEZING RAIN AND/OR FREEZING DRIZZLE (GLAZE): ALL REPORTED FREEZING RAIN OR FREEZING DRIZZLE.

SNOW AND/OR SLEET: SNOW INCLUDING SNOW PELLETS AND GRAINS, ICE CRYSTALS AND PELLETS, AND/OR SLEET (ICE PELLETS).

HALE: ALL REPORTED HALE.

ALL PRECIPITATION: THIS CATEGORY INCLUDES ALL OBSERVATIONS REPORTING PRECIPITATION. BECAUSE MORE THAN ONE TYPE OF PRECIPITATION MAY APPEAR IN A SINGLE OBSERVATION, THE SUM OF THE PERCENTAGES IN THE INDIVIDUAL COLUMNS MAY EXCEED THE PERCENTAGE IN THIS COLUMN.

FOG: ALL REPORTED FOG, ICE FOG AND GROUND FOG.

SMOKE AND/OR HAZE: ALL REPORTED SMOKE, HAZE AND ANY COMBINATION THEREOF.

BLOWING SNOW: ALL REPORTED BLOWING SNOWS INCLUDING DRIFTING WHEN REPORTED.

DUST AND/OR SAND: ALL REPORTED DUST, SAND, BLOWING DUST, BLOWING SAND AND ANY COMBINATION THEREOF. THE ATMOSPHERIC PHENOMENA SUMMARY (DAYS WITH) INCLUDES ONLY THOSE REPORTS WHEN THE PHENOMENA VISIBILITY LESS THAN 5/8 MILES (1000 METERS).

ALL OBSTRUCTIONS TO VISION: INCLUDES ALL REPORTS OF OBSTRUCTIONS TO VISION (FOG, ICE FOG, DUST/SAND) AND BLOWING SPRAY. BECAUSE MORE THAN ONE PHENOMENA PER OBSERVATION MAY OCCUR, THE SUM OF THE INDIVIDUAL COLUMNS MAY EXCEED THIS COLUMN.

NOTES:

1. A VALUE IN THE TABLES OF "C" INDICATES LESS THAN .05% OCCURRENCE WHICH IS USUALLY ONLY ONE OCCURRENCE.
2. METAR STATIONS (BEGINNING IN JAN 1968) AND SYNOPTIC REPORTING STATIONS RECORDED ON THE AWS FORMS 10/10A AND TRANSMITTED LONGLINE ONLY THE HIGHEST ORDER OF ATMOSPHERIC PHENOMENA OBSERVED. BEGINNING IN JAN 1970, METAR STATIONS RECORDED ALL OBSERVED PHENOMENA BUT CONTINUED TO TRANSMIT ONLY THE HIGHEST ORDER. FOR EXAMPLE, IF THE OBSERVATION CONTAINED RAIN, FOG AND SMOKE, ALL THREE WILL APPEAR ON THE AWS FORMS 10/10A, BUT ONLY THE RAIN WAS TRANSMITTED LONGLINE. THEREFORE ONLY THE RAIN APPEARS IN OUR DATA BASE FOR HOURLY SUMMARIZATION. THIS PRACTICE EFFECTS THE PERCENTAGES IN THE TABLES.

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS  
FROM FOURLY OBSERVATIONS

STATION NUMBER: C15833 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 74-87  
MONTH: JAN

HOURS (LST)	TSTMS	RAIN E/GR GRIZZLE	FRZING RAIN E/GR GRIZZLE	SNOW E/GR SLEET	HALE	% OBS WITH PRECIP	FOG	SMOKE E/GR HAZE	BLOWING SNOW	DUST E/GR SAND	% OBS W/CHST TO VISION	TOTAL OBS
00-02		11.3		3.3		14.0	29.2	3.8	.4		23.4	915
03-05		11.7		3.9		14.8	29.4	2.8	.3		22.6	915
06-08		12.9	.1	6.4		18.9	28.4	4.3	.5		23.2	915
09-11		12.1	.4	7.0		18.1	27.8	8.5	.4		26.7	915
12-14		12.8		7.9		19.2	19.9	9.5	.3		29.7	915
15-17		12.2	.1	5.2	.1	18.6	22.5	10.5	.3		23.3	917
18-20		11.0		3.9		13.6	24.8	9.0	.2		24.1	916
21-23		11.0		3.7		13.9	28.5	5.4	.3		24.2	916
TOTALS		12.9	.1	5.2	.0	16.1	26.3	6.7	.4		23.4	7276

STATION NUMBER: C15833 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 74-87  
MONTH: FEB

HOURS (LST)	TSTMS	RAIN E/GR GRIZZLE	FRZING RAIN E/GR GRIZZLE	SNOW E/GR SLEET	HALE	% OBS WITH PRECIP	FOG	SMOKE E/GR HAZE	BLOWING SNOW	DUST E/GR SAND	% OBS W/CHST TO VISION	TOTAL OBS
00-02		10.3		4.8		14.3	28.1	7.6			45.6	837
03-05		12.4	.1	5.3		17.2	29.8	6.1			45.9	837
06-08		11.2	.6	4.3		15.7	42.1	8.0			50.1	837
09-11		13.5	.7	6.6		17.3	33.7	14.3			47.3	837
12-14		10.4	.1	6.1		16.2	18.1	17.8		.2	31.2	837
15-17		13.8		8.4		19.8	15.7	19.8		.4	35.8	840
18-20		11.5		5.1		16.0	23.4	10.5		.4	40.2	838
21-23		11.1	.1	4.3		14.8	29.8	10.0			34.7	837
TOTALS		11.4	.2	5.4		16.4	26.2	12.5		.1	40.5	6700

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 015931 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 7A-7P  
MONTH: MAR

HOURS (LST)	TSTMS	RAIN L/DR GRIZZLE	FRZING RAIN L/DR GRIZZLE	SNOW L/DR SLEET	HALE	% OBS WITH PRECIP	FOG	SMOKE L/DR HAZE	BLOWING SNOW	DUST L/DR SAND	% OBS W/CHST TO VISION	TOTAL OBS
00-02		15.4		1.0		16.0	23.0	7.0	.1		16.1	918
03-05		15.1		1.6		16.2	27.2	6.8			16.0	918
06-08		16.3		3.6		16.7	33.0	7.7			16.3	918
09-11		16.9		2.7		18.6	22.2	13.1			15.3	918
12-14	.1	17.5		1.9	.2	18.8	9.7	17.2			16.9	918
15-17	.5	17.6		1.1	.1	18.5	7.7	13.9			11.6	921
18-20	.2	16.4		.9		17.1	11.4	13.9			16.4	919
21-23		15.5		.8		16.0	14.5	10.1			14.0	919
TOTALS	.1	16.3		1.7	.0	17.5	18.7	11.2	.3		16.9	7304

STATION NUMBER: 015933 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 7A-7P  
MONTH: APR

HOURS (LST)	TSTMS	RAIN L/DR GRIZZLE	FRZING RAIN L/DR GRIZZLE	SNOW L/DR SLEET	HALE	% OBS WITH PRECIP	FOG	SMOKE L/DR HAZE	BLOWING SNOW	DUST L/DR SAND	% OBS W/CHST TO VISION	TOTAL OBS
00-02		12.9		.9		13.2	16.9	8.7			15.0	900
03-05		14.1		.9		14.7	29.1	6.1			15.3	899
06-08		16.1		.9		16.3	73.1	10.6			13.7	900
09-11		13.0		.3	.1	13.3	11.0	15.4			17.2	900
12-14	.8	13.6		1.0	.1	13.9	4.1	14.2			16.3	900
15-17	.9	13.0		1.0		14.0	3.2	9.9		.2	13.3	900
18-20	.1	13.0		.7		13.1	5.3	14.0			13.9	900
21-23		13.7		1.3		11.1	10.1	12.4			12.5	900
TOTALS	.8	13.4		.9	.0	13.7	14.7	11.1		.0	13.4	7109

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 015831 STATION NAME: RAF LAKENHEATH UNITED KINGDOM PERIOD OF RECORD: 74-87  
MONTH: MAY

HOURS (LST)	TSTMS	RAIN E/OR DRIZZLE	FRZING RAIN E/OR DRIZZLE	SNOW E/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE E/OR HAZE	BLOWING SNOW	DUST E/OR SAND	% OBS W/CHST TO VISION	TOTAL (%)
00-02	.1	13.2		.1		13.3	21.5	5.1			20.7	41.5
03-05	.1	12.7				12.7	41.4	5.1			46.6	41.5
06-08	.2	13.3		.2		13.4	32.2	11.3			47.5	41.1
09-11	.5	12.3			.1	12.4	9.9	14.5			24.3	41.2
12-14	1.5	14.6			.1	14.6	3.3	10.1			12.4	40.6
15-17	2.0	13.6		.1		13.8	3.1	5.9			11.5	41.7
18-20	.9	9.0			.1	9.1	6.8	11.8			16.6	41.2
21-23	.4	10.5				10.5	13.6	8.6			11.1	41.1
TOTALS	.7	12.4		.1	.0	12.5	16.5	9.6			10.0	42.7

STATION NUMBER: 015931 STATION NAME: RAF LAKENHEATH UNITED KINGDOM PERIOD OF RECORD: 74-87  
MONTH: JUN

HOURS (LST)	TSTMS	RAIN E/OR DRIZZLE	FRZING RAIN E/OR DRIZZLE	SNOW E/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE E/OR HAZE	BLOWING SNOW	DUST E/OR SAND	% OBS W/CHST TO VISION	TOTAL (%)
00-02	.5	12.4				12.4	26.7	4.5			21.2	44.0
03-05	.4	11.6				11.6	42.7	5.7			45.4	44.1
06-08	.4	12.2				12.2	28.0	11.2			39.3	44.5
09-11	.5	8.7				8.7	8.3	12.4			10.7	44.7
12-14	2.1	10.8				10.8	2.6	7.8			10.4	44.6
15-17	3.1	11.9			.1	12.1	1.7	6.5			8.2	44.6
18-20	1.3	11.8				11.4	5.1	10.1			15.3	43.9
21-23	.4	12.4				12.4	13.0	10.2			13.2	43.7
TOTALS	1.1	11.5			.0	11.6	16.0	8.6			14.6	44.3

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035833 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 74-87  
MONTH: JUL

HOURLS (LST)	TSTMS	RAIN E/OR DRIZZLE	FRZING RAIN E/OR DRIZZLE	SNOW E/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE E/OR HAZE	BLOWING SNOW	DUST E/OR SAND	% OBS W/ OBST TO VISION	TOTAL OBS
00-02	.1	8.4				8.4	20.4	5.3			15.8	823
03-05		12.7				12.7	36.6	7.2			43.6	823
06-08	.2	11.8				11.8	20.3	15.5			36.1	826
09-11	.1	10.3				10.3	4.6	10.3			14.9	824
12-14	.4	10.4				10.4	1.8	6.9			5.7	877
15-17	.7	10.2				10.2	1.3	7.3			4.7	870
18-20	.7	8.6				8.6	3.3	10.2			13.4	826
21-23	.2	9.6				9.6	9.5	9.8			19.3	823
TOTALS	.3	10.3				10.3	12.2	9.1			11.3	8826

STATION NUMBER: 035833 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 74-87  
MONTH: AUG

HOURLS (LST)	TSTMS	RAIN E/OR DRIZZLE	FRZING RAIN E/OR DRIZZLE	SNOW E/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE E/OR HAZE	BLOWING SNOW	DUST E/OR SAND	% OBS W/ OBST TO VISION	TOTAL OBS
00-02	.1	9.5				9.5	26.6	6.0			32.6	826
03-05	.6	8.6				8.8	41.4	3.6			45.0	826
06-08	.1	8.7				8.7	33.9	12.0			45.7	828
09-11	.1	6.9				8.9	8.2	15.1			23.3	829
12-14	1.1	10.6				10.6	2.5	11.8			14.3	831
15-17	2.1	10.9				10.9	1.7	10.0			11.4	826
18-20	1.6	10.7				10.7	4.3	13.1			17.4	822
21-23	.6	8.9				8.7	12.9	12.0			24.9	824
TOTALS	.8	9.6				9.4	16.4	10.5			26.4	8816



GLOBAL CLIMATOLOGY BRANCH  
LSAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 075833 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 78-87  
MONTH: SEP

HOURS (LST)	TSTMS	RAIN E/OR GRIZZLE	FRZING RAIN E/OR DRIZZLE	SNOW E/OR SLEET	HALE	% OBS WITH PRECIP	FOG	SMOKE E/OR HAZE	BLOWING SNOW	DUST E/OR SAND	% OBS W/OBST TO VISION	TOTAL OBS
00-02	.2	7.7				7.7	32.5	6.8			39.3	673
03-05	.1	6.9				6.9	41.8	2.1			43.9	672
06-08		10.3				10.3	40.9	7.8			48.7	661
09-11		9.0				9.0	12.0	18.7			30.7	690
12-14	.3	8.0			.1	8.1	3.5	16.6			20.1	691
15-17	1.4	10.6				10.6	3.6	16.6			22.2	693
18-20	.3	7.3				7.3	6.9	25.7			32.7	680
21-23		6.0				6.0	17.3	17.9			25.2	677
TOTALS	.3	8.0			.0	8.6	19.8	14.3			24.1	7050

STATION NUMBER: 075833 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 77-86  
MONTH: OCT

HOURS (LST)	TSTMS	RAIN E/OR GRIZZLE	FRZING RAIN E/OR DRIZZLE	SNOW E/OR SLEET	HALE	% OBS WITH PRECIP	FOG	SMOKE E/OR HAZE	BLOWING SNOW	DUST E/OR SAND	% OBS W/OBST TO VISION	TOTAL OBS
00-02		11.0				11.0	31.2	6.7			37.9	921
03-05		11.8				11.8	37.0	6.0			43.0	921
06-08		10.9				10.9	40.1	7.8			47.9	921
09-11		10.3				10.3	22.6	13.5			36.1	925
12-14	.3	9.6				9.6	7.8	13.2		.1	21.1	923
15-17	.3	11.1				11.1	5.9	16.6			22.5	921
18-20	.1	12.9				12.9	13.1	15.6			28.8	921
21-23		12.6				12.6	24.5	8.3			32.6	921
TOTALS	.1	11.3				11.3	22.4	11.0		.0	33.6	7374

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035833 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 77-84  
MONTH: NOV

HOURS (LST)	TSTMS	RAIN L/OR GRIZZLE	FRZING RAIN L/OR DRIZZLE	SNOW L/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE L/OR HAZE	BLOWING SNOW	DUST L/OR SAND	% OBS W/CEST TO VISION	TOTAL CES
00-02		11.6		.3		11.9	23.3	5.2			26.4	872
03-05		15.4		.9		16.2	23.7	3.7			27.4	870
06-08		14.8		1.5		15.7	27.7	3.8			31.5	870
09-11		11.7		1.3		12.7	25.6	7.5			33.0	872
12-14		12.3		.3		12.7	16.8	10.3		.1	27.2	876
15-17		13.2		.5		13.6	15.3	11.2			26.5	876
18-20		10.6		.2		11.1	17.7	9.1			26.8	876
21-23		12.7		.5		13.1	21.5	6.3			27.3	875
TOTALS		12.6		.7		13.4	21.5	7.1		.0	26.6	8987

STATION NUMBER: 035833 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 77-86  
MONTH: DEC

HOURS (LST)	TSTMS	RAIN L/OR GRIZZLE	FRZING RAIN L/OR DRIZZLE	SNOW L/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE L/OR HAZE	BLOWING SNOW	DUST L/OR SAND	% OBS W/CEST TO VISION	TOTAL CES
00-02		12.5		2.3		13.9	28.3	2.5			30.6	897
03-05		13.6		2.2		15.5	27.8	4.2			32.0	897
06-08		12.9		1.7		14.5	29.0	4.3			33.4	899
09-11		13.4		2.3		15.3	25.4	6.3			33.7	894
12-14		12.8		2.2		14.4	16.9	11.8			30.7	896
15-17		13.3		2.2		15.2	23.8	10.5			34.3	892
18-20		11.5		1.9		12.8	27.3	4.0			31.2	884
21-23		11.9		2.0		13.6	27.6	2.6			30.2	883
TOTALS		12.7		2.1		14.4	26.0	6.0			32.0	7142

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035833 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 77-87  
MONTH: ALL

MONTHS (LST)	TSTMS	RAIN E/OR DRIZZLE	FRZING RAIN E/OR DRIZZLE	SNOW E/OR SLEET	HAZ L	% OBS WITH PRECIP	FOG	SMOKE E/OR HAZE	BLOWING SNOW	DUST E/OR SAND	% OBS W/LEST TO VISION	TOTAL OBS
JAN ALL		11.9	.1	5.2	.0	16.1	26.3	6.7	.4		33.4	7326
FEB		11.4	.2	5.4		16.4	30.0	12.5		.1	42.6	6700
MAR		.1	16.3	1.7	.0	17.6	18.7	11.2	.0		29.9	7349
APR		.2	13.4	.9	.0	13.7	14.2	11.1		.0	25.4	7199
MAY		.7	12.4	.1	.0	12.5	16.5	9.6			28.0	7297
JUN		1.1	11.5		.0	11.6	16.0	8.6			24.6	6743
JUL		.3	10.3			10.2	12.2	9.1			21.3	6626
AUG		.8	9.6			9.6	16.4	10.5			26.4	6618
SEP		.3	8.6		.0	8.6	19.8	14.3			34.1	7050
OCT		.1	11.3			11.3	22.8	11.0		.0	33.0	7374
NOV			12.6	.7		13.4	21.5	7.1		.0	28.6	6987
DEC			12.7	2.1		14.4	26.0	6.0			22.0	7142
TOTALS		.3	11.9	.0	1.3	.0	12.9	20.0	9.8	.0	29.9	64411

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA  
FROM DAILY OBSERVATIONS

STATION NUMBER: 035833 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 49-57  
MONTH: ALL

MONTH	TSTMS	RAIN E/OR GRIZZLE	FRZING RAIN E/OR GRIZZLE	SNOW E/OR SLEET	PALE	1 ORS WITH PRECIP	FOG	SMOKE E/OR HAZE	BLOWING SNOW	DUST E/OR SAND	1 ORS W/ OBST TO VISION	TOTAL CBS
JAN	.3	59.0	.9	20.5	.3	56.8	54.2	71.5	.5		83.5	1180
FEB	.7	53.3	.9	22.9	.5	64.7	56.9	77.1	.4		87.3	1154
MAR	2.3	59.1		13.5	1.7	63.5	49.9	75.9	.2	.1	82.4	1147
APR	3.6	61.2		6.7	2.1	61.5	42.5	70.4			77.8	1098
MAY	8.4	57.4		1.5	1.4	57.4	42.3	70.5			77.5	1154
JUN	11.0	53.6		.2	1.0	53.6	43.1	68.2			76.8	1179
JUL	9.8	50.0			.4	56.0	42.0	69.8			77.0	1170
AUG	9.0	55.6			.4	55.8	54.3	73.5			81.1	1141
SEP	5.1	54.6			.3	54.6	55.3	72.7			80.0	1142
OCT	1.6	55.3		.2	.4	55.3	59.9	75.5			83.7	1174
NOV	.9	64.8	.1	4.9	.4	55.4	53.7	72.5			83.0	1217
DEC	.3	61.0	.2	11.9	.3	64.9	57.4	69.0	.3		83.9	1147
TOTALS	4.3	57.8	.2	6.9	.8	60.2	50.9	72.3	.1	.0	81.2	13578

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PRECIPITATION, SNOWFALL AND SNOW DEPTH SUMMARIES

PERCENTAGE FREQUENCY OF VARIOUS DAILY AMOUNTS OF PRECIPITATION (SNOWFALL AND SNOW DEPTH) SUMMARIES:

THESE SUMMARIES DERIVE FROM SUMMARY OF DAY DATA.

DATA IS SUMMARIZED MONTHLY AND ANNUALLY WITH ALL YEARS COMBINED.

DISPLAYED ARE: PERCENT OF DAYS WITH MEASURABLE AMOUNTS, A PERCENT OF DAYS WITH NO AMOUNTS, TRACES, GIVEN AMOUNTS, MEANS, GREATEST AMOUNTS AND LEAST AMOUNTS (THE STATISTICAL VALUES ARE NOT INCLUDED IN THE SNOW DEPTH SUMMARY BECAUSE OF THEIR DOUBTFUL AND LIMITED VALUE).

ALSO PROVIDED ARE THE OBSERVATION COUNTS.

A VALUE OF ".0" IN THESE TABLES INDICATES LESS THAN .05% WHICH USUALLY INDICATES ONLY ONE OCCURRENCE.

EXTREME DAILY AMOUNTS OF PRECIPITATION (SNOWFALL AND SNOW DEPTH) SUMMARIES

DATA DERIVED FROM SUMMARY OF DAY DATA

PRESENTED ARE THE EXTREME DAILY AMOUNTS OF PRECIPITATION, SNOWFALL AND SNOW DEPTH BY INDIVIDUAL MONTH AND YEAR.

ALSO PRESENTED ARE THE MEANS, STANDARD DEVIATIONS AND TOTAL OBSERVATIONS COUNTS.

AN ASTERISK "\*" PRINTED IN THE TABLES INDICATES THAT THE EXTREME VALUE FOR THAT YEAR AND MONTH DERIVES FROM AN INCOMPLETE MONTH (AT LEAST ONE DAY OF THE MONTH IS MISSING).

WHEN A MONTH HAS VALID OBSERVATIONS REPORTED BUT NO OCCURRENCES, ZEROS ARE DISPLAYED IN THE TABLES:

EXTREME DAILY PRECIPITATION: ".00" EQUALS NONE FOR THE MONTH (HUNDREDS)

EXTREME DAILY SNOWFALL: ".0" EQUALS NONE FOR THE MONTH (TENTHS)

EXTREME DAILY SNOW DEPTH: ".0" EQUALS NONE FOR THE MONTH (WHOLE INCHES)

TOTAL MONTHLY AMOUNTS OF PRECIPITATION AND SNOWFALL SUMMARIES

DATA DERIVED FROM SUMMARY OF DAY DATA.

DATA PRESENTED BY YEAR AND MONTH.

ALSO PRESENTED ARE THE MEANS, STANDARD DEVIATIONS AND TOTAL OBSERVATION COUNTS.

AN ASTERISK "\*" IN THE TABLES INDICATES THAT ONE OR MORE DAYS WERE MISSING FOR THE MONTH.

NO OCCURRENCES FOR THE MONTH ARE INDICATED BY ZEROS.

IF THE AMOUNT IS A TRACE, THEN "TRACE" IS PRINTED IN THE TABLES.

STATISTICAL VALUES DO NOT INCLUDE MEASUREMENTS FROM INCOMPLETE MONTHS.

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF PRECIPITATION  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 03837 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 49-87

AMOUNTS IN INCHES

MONTH	NONE	TRACE	.01	.02	.03	.04	.05	.06	.07	.08	.09	.10	.11	.12	.13	.14	.15	.16	.17	.18	.19	.20	.21	.22	.23	.24	.25	.26	.27	.28	.29	.30	.31	OVER	2 DAYS WITH MEAS AMTS	TOTAL OBS	MONTHLY AMOUNTS		
																																					MEAN	GREATEST	LEAST
JAN	33.4	22.5	5.9	15.1	8.7	9.4	3.0	1.3		.4																								43.9	1094	1.52	1.62	TRACE	
FEB	35.0	26.5	5.0	13.9	7.2	8.6	3.3	.4		.1																								38.5	994	1.07	1.07	.01	
MAR	36.4	22.3	5.5	13.7	8.6	9.5	3.5	.4		.1																								41.3	1085	1.47	4.03	.01	
APR	37.5	21.5	5.8	12.9	6.7	11.3	3.2	.7		.5																								41.0	1022	1.50	1.61	.01	
MAY	40.5	21.8	5.0	13.7	6.6	7.4	3.5	1.4		.2																									37.7	1032	1.51	4.35	.01
JUN	46.3	19.2	4.6	7.8	5.9	7.9	5.7	2.2		.5																									34.4	1051	1.54	4.47	.01
JUL	44.3	19.3	5.2	10.0	6.3	7.8	4.5	2.1		.5																									36.4	1035	1.74	4.25	.01
AUG	43.8	18.7	4.3	10.0	6.7	8.9	5.8	2.1		.4																									37.5	1073	2.03	1.54	.01
SEP	45.4	22.1	4.2	6.3	5.2	7.1	5.1	2.2		.4																									32.5	1088	1.70	4.41	.01
OCT	43.8	19.5	5.0	11.9	5.9	7.7	4.3	1.6		.2																									36.7	1096	1.55	4.33	.01
NOV	31.4	21.6	5.5	14.5	7.9	10.7	5.4	1.8		.3																									46.5	995	1.84	4.76	.01
DEC	34.7	23.4	4.7	14.4	7.6	9.1	4.4	1.6		.1																									41.9	1043	1.61	1.69	.01
ANN	39.4	21.5	5.1	12.2	6.9	8.3	4.3	1.5		.3																									39.3	12714	14.57		

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF PRECIPITATION  
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 035837 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 47-87

YEAR	24 HOUR AMOUNTS IN INCHES												ALL MONTHS
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
49					*TRACE	*.00	*.00	*.00	*.00	*.00	*.00	*.00	
50	*TRACE	*.00	*.00	*.00	*.00	.60	1.39	.64	.73	.25	1.06	.46	1.34
51	.56	.35	1.10	.80	.39	.40	.25	.75	*1.21	.24	.33	.23	*1.01
52	.20	.40	3.44	1.12	.35	.17	.37	.08	.35	.27	.67	.20	2.44
53	.20	.10	.09	1.04	.23	.63	.51	.47	.29	1.07	.31	.12	1.04
54	.27	.32	.41	.16	.80	.99	.77	1.56	.35	.40	.49	.57	1.54
55	.28	.41	.49	.09	.43	.51	.04	.34	.68	.41	.24	.25	1.54
56	.58	.21	.15	.31	.45	.45	*.61	.66	.55	.40			.71
57	*TRACE												
58		*.08	*.08				*.71	.41	.54	.67	.65	*.61	
59	.69	.15	.43	.37	.31	.14	2.32	.73	*.00				
60	*.90	.61	.68	.29	.28	1.30	.54	.37	.61	.61	1.17	.73	1.70
61	1.02	.49	.68	.52	.45	1.07	.79	.35	.95	.60	.61	.76	1.77
62	.63	.51	.33	.34	.92	.08	.62	.38	.55	.46	.16	.34	.52
63	.46	.50	.47	2.28	.56	.48	.73	.55	.50	.34	.47	.14	1.77
64	.22	.29	.48	.70	.27	.63	.40	.44	.15	.24	.46	.50	.72
65	.71	.15	.40	.42	.33	.72	.62		.53	.26		*.50	
66	.12	.35	.16	.26	.19	.73	.34	.59	*.23	.61	.34	.47	.64
67	.11	.24	.21	*.52	.78	.65	.36	.30	.29	*.41	.34	*.33	.76
68	.23	.23	.23	.38	.27	1.15	1.42	.60	.95	.72	.24	.40	1.44
69	.26	.30	.51	.35	1.67	.45	1.05	.65	*TRACE	.74	.67	.53	1.57
70	.68	.26	.34	.43	.24	.63	.45	.46	.64	.27	.76	.49	.94
71	1.37	.16	*.35					*TRACE	.19	.51	.54	.26	
72	.56	.37	.30	.26	.14	.43	.43	.83	.27	.06	.75	.27	.43
73	.13	.34	.23	.40	.41	.70	*1.33	.23	.71	.30	.35	.34	*1.73
74	.04	.25	.16	.27	.17	.74	.46	.69	*.76	.35	.67	.34	*.76
75	.40	.19	.48	.35	*.37	.41	.27	.12	1.37	.10	.36	.19	1.37
76	.40	.14	.11	.14	.27	.42	.53	.47	.31	.90	1.05	.47	1.77
77	.40	.55	.37	.27	.32	.50	.27	.62	.30	.09	.22	1.41	1.91
78	.21	.26	.35	.32	.97	.44	.57	.56	.44	.13	.27	.67	.97

NOTE \* (BASED ON LESS THAN FULL MONTHS)

CONTINUED ON NEXT PAGE....



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF PRECIPITATION  
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 025833 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 44-97

YEAR	24 HOUR AMOUNTS IN INCHES												ALL MONTHS
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
79	.64	.54	.23	.12	.35	1.02	.33	.55	.19	.51	.33	.55	1.02
80	.61	.31	.55	.21	.26	.49	.69	.75	.37	.81	.30	.34	.81
81	.15	.29	.53	.49	.65	.22	.49	1.14	.48	.43	.18	.30	1.14
82	1.01	.10	.23	.07	.98	1.22	.04	.26	.90	1.31	*.02	.66	1.31
83	.24	*1.55	.48	1.09	1.00	*.84			*2.00	*.60	*.54	*.31	
84	*1.85	.25	.36	.17	*1.10	*.80	.25	.70	*1.70	.45	*.77	*.35	*1.45
85	*.46	.21	*.25	.76	.65	.41	.37	*.29	*.13	.15	.60	*.70	.80
86	*.22	.16	*.21	.43	*.17	*.24	*.79	*.92	.75	.38	.44	*.45	*.70
87	*.51	.29	.45	*.02	.34	.69	*.92	2.38	.45				
MLAN	.468	.295	.401	.475	.499	.616	.616	.657	.520	.458	.506	.477	1.095
S.D.	.316	.136	.505	.421	.331	.707	.448	.426	.276	.298	.270	.332	.691
TOTAL OBS	1094	994	1089	1027	1082	1051	1065	1073	1068	1096	995	1047	10714

NOTE \* (BASED ON LESS THAN FULL MONTHS)

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

MONTHLY PRECIPITATION  
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 035833 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 49-97

TOTAL MONTHLY PRECIPITATION IN INCHES												
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
49												
50	*TRACE	*.00	*.00	*.00	*.00	*.00	*.00	*.00	*.00	*.00	*.00	*.00
51	1.55	1.79	3.68	2.50	1.58	1.23	.71	2.26	*1.57	.55	1.57	.55
52	.54	.64	4.03	3.26	.84	.61	.75	2.95	1.97	1.97	2.77	.74
53	.38	.78	.17	2.14	1.24	2.98	2.49	1.69	.87	1.94	.77	.24
54	.64	1.64	1.37	.20	2.41	2.32	2.58	6.54	1.54	1.40	3.32	1.77
55	1.57	1.88	1.39	.50	1.53	1.05	.54	1.28	1.65	2.71	.75	1.17
56	2.56	1.30	.43	.75	.64	2.07	*2.31	3.79	1.60	1.95		
57	*TRACE											
58		*.06	*.06				*2.49	2.06	2.85	2.16	1.21	*2.87
59	2.29	.19	1.91	1.70	.64	.91	3.65	1.50	*.00			
60	*2.66	1.00	1.57	1.36	.46	3.05	3.15	1.25	3.10	3.91	4.14	3.44
61	3.77	2.16	.27	2.25	.90	2.17	2.21	2.07	3.33	3.15	1.95	3.17
62	2.30	1.38	1.27	2.60	2.20	.18	2.30	1.93	2.44	.80	.96	1.24
63	1.19	1.27	1.95	3.47	1.60	1.61	2.05	2.45	1.45	1.37	1.98	.59
64	.68	.62	1.63	1.66	1.01	4.47	.61	1.20	.39	1.97	1.56	1.65
65	1.67	.65	2.11	1.42	1.15	2.26	2.41		2.03	.49		*2.63
66	.75	1.62	.37	1.90	.79	2.35	2.28	1.75	*.36	2.32	1.61	1.67
67	.56	.95	.51	*1.40	2.69	.61	1.02	1.15	.62	*1.68	1.35	*.52
68	.89	.77	.47	.98	.96	3.43	2.90	2.83	3.37	1.57	1.07	1.55
69	1.07	1.10	1.49	1.21	3.92	1.35	1.64	1.60	*TRACE	.00	2.45	2.07
70	2.37	1.23	1.54	1.97	.54	1.15	1.64	1.21	1.59	1.22	4.76	2.35
71	3.65	.60	*.76					*TRACE	.49	3.41	2.65	.71
72	1.97	1.07	1.25	1.36	.67	1.35	1.59	1.44	1.11	.14	2.27	1.27
73	.46	.76	.67	1.70	1.69	1.61	*3.12	.79	3.67	1.45	.97	1.23
74	1.81	1.89	.98	.61	.63	2.21	1.66	2.45	*2.58	2.38	2.45	1.35
75	1.41	.68	2.64	2.14	*1.40	.99	.78	.27	2.73	.33	1.18	.85
76	1.13	.40	.39	.25	1.22	.24	.60	1.65	1.62	2.10	2.10	1.44
77	1.45	2.07	1.52	.91	1.20	1.53	.40	2.36	.49	.33	1.17	3.85
78	.91	1.21	1.74	1.25	1.34	2.50	2.61	2.00	1.16	.39	.79	2.24

NOTE \* (BASED ON LESS THAN FULL MONTHS)

CONTINUED ON NEXT PAGE

GLOBAL CLIMATOLOGY BRANCH  
USAF/ETAC  
AIR WEATHER SERVICE/MAC

MONTHLY PRECIPITATION  
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 078017 STATION NAME: RAF LARKENHEAD UNITED KINGDOM

PERIOD OF RECORD: 47-67

TOTAL MONTHLY PRECIPITATION IN INCHES													
-M-O-N-T-H-S-													
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
79	2.27	1.82	1.69	.87	2.27	1.42	.72	2.13	.92	1.84	1.31	2.20	16.47
80	1.26	1.40	1.71	.49	.31	2.34	2.60	2.71	.77	1.87	1.49	1.19	17.92
81	.73	.41	2.96	1.94	1.27	.12	1.19	1.41	2.13	1.75	.60	1.21	16.42
82	1.84	.76	1.22	1.27	1.41	4.14	.92	1.14	2.61	4.33	*2.25	1.49	*27.72
83	1.16	*2.42	.71	3.62	4.35	*.91			*4.25	*1.25	*1.77	*1.27	
84	*2.82	.74	1.49	.39	*2.31	*2.01	.67	1.74	*4.41	.67	*2.51	*1.66	*22.67
85	*2.11	.75	*1.29	1.76	1.70	3.15	1.61	*1.23	*.50	.45	2.00	*1.50	*17.61
86	*.85	.36	*1.50	1.77	*.65	*.85	*2.23	*4.81	.66	1.76	2.15	*1.75	*17.27
87	*1.09	1.12	1.36	*1.27	1.84	3.41	*2.12	3.95	.48				
MEAN	1.723	1.765	1.471	1.502	1.504	1.943	1.744	2.026	1.704	1.592	1.394	1.615	16.771
S.D.	.769	.558	.977	.881	.951	1.111	1.756	1.111	.967	1.108	1.006	.907	3.591
TOTAL OBS	1794	994	1769	1022	1062	1751	1785	1773	1756	1696	996	1643	12714

NOTE \* BASED ON LESS THAN FULL MONTHS

REGIONAL CLIMATOLOGY BRANCH  
 WAFB/TAC  
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SNOWFALL  
 FROM SUMMARY OF DAY DATA

STATION NUMBER: 07477 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 1947-57

MONTH	AMOUNTS IN INCHES													NO. DAYS WITH MEAS. SNOW	TOTAL SNOW	ANNUAL SUMMARY		
	NONE	TRACE	0.1 TO 0.4	0.5 TO 1.4	1.5 TO 2.4	2.5 TO 3.4	3.5 TO 4.4	4.5 TO 6.4	6.5 TO 10.4	10.5 TO 15.4	15.5 TO 25.4	25.5 TO 50.4	50.5 TO 57.4			MEAN	MAXIMUM	MINIMUM
JAN	74.5	12.7	1.8	3.4	1.0	.5	.2	.1						7.2	1117	1.4	11.4	0
FEB	76.7	16.4	2.4	0.9	.8	.6	.4	.2						7.2	1101	1.5	11.4	0
MAR	86.5	9.4	1.6	1.6	.7	.1	.2							6.7	1172	.9	11.0	0
APR	92.7	6.4	.6	.3	.1									1.5	1050	.2	11.0	0
MAY	98.5	1.4													1178	1840	11.0	0
JUN	99.8	.1	.1											.1	1106	1840	.0	0
JUL	100.0														1174	.0	.0	0
AUG	100.0														1182	.0	.0	0
SEP	100.0														1171	.0	.0	0
OCT	99.9	.1													1186	1840	18.0	0
NOV	95.1	3.4	.4	.6	.7	.1	.1							1.4	1111	.4	11.1	0
DEC	87.1	6.4	1.5	1.7	.4	.5	.1							4.1	1292	1.4	11.0	0
YRS	93.1	4.1	.8	.4	.2	.2	.1	.2						1.1	17348	1.7		

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF SNOWFALL  
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 035433 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 49-87

YEAR	24 HOUR AMOUNTS IN INCHES												ALL MONTHS
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
49					.0	.0	.0	.0	.0	.0	.0	.0	
50	*TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0
51	1.0	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	1.0
52	.6	.3	.0	TRACE	.0	.0	.0	.0	.0	.0	1.0	.0	4.0
53	1.0	1.5	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	1.0
54	1.5	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	2.5
55	1.3	4.1	1.1	.0	*TRACE	.0	.0	.0	.0	.0	.0	TRACE	4.1
56	1.2	2.1	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	1.2
57	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
58	*TRACE	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
59	1.4	.0	.0	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	
60	*TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	*TRACE
61	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	0.1
62	.0	5.0	1.0	.0	.0	.0	.0	.0	.0	.0	TRACE	2.7	0.0
63	1.4	4.1	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	4.1
64	1.4	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	1.1	1.0
65	.0	1.2	1.0	.0	.0	.0	.0	.0	.0	.0	1.3	TRACE	1.3
66	1.2	1.7	TRACE	1.4	.0	.0	.0	.0	.0	.0	TRACE	TRACE	1.7
67	1.1	.0	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	1.7
68	.0	TRACE	.1	1.7	.0	.0	.0	.0	.0	.0	.0	.0	1.0
69	TRACE	2.9	.1	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	0.0
70	.0	7.0	0.4	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	1.0
71	.0	TRACE	*1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4
72	1.0	TRACE	.2	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	1.0
73	TRACE	.1	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.9
74	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	.1	.5
75	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.5
76	.0	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	4.0
77	1.0	.0	0.0	.5	.0	.0	.0	.0	.0	.0	TRACE	TRACE	1.0
78	1.1	1.1	4.0	TRACE	.0	.0	.0	.0	.0	.0	0.5	1.0	4.0

NOTE \* (BASED ON LESS THAN FULL MONTHS)

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GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF SNOWFALL  
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 015833 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 49-87

24 HOUR AMOUNTS IN INCHES													
YEAR	1	2	3	4	5	6	7	8	9	10	11	12	ALL MONTHS
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
79	1.2	5.3	.6	.6	TRACE	.0	.0	.0	.0	.0	TRACE	TRACE	6.4
80	TRACE	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	1.0
81	.5	.5	.2	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	1.0
82	.7	TRACE	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	TRACE	.7
83	TRACE	1.0	TRACE	.0	TRACE	.0	.0	.0	.0	.0	TRACE	TRACE	1.0
84	1.0	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	1.0
85	1.4	4.3	.9	TRACE	.0	TRACE	.0	.0	.0	.0	.0	TRACE	4.3
86	TRACE	1.3	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	TRACE	.0	1.3
87	.0	.0	.4	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0
MEAN	1.26	1.16	.64	.13	TRACE	.01	.00	.00	.00	TRACE	.01	.00	1.10
S.D.	1.158	1.637	1.083	.359	.000	.050	.000	.000	.000	.000	1.245	1.428	1.029
TOTAL OBS	1117	1721	1132	1050	1156	1106	1134	1140	1121	1166	1113	1030	1714

NOTE \* (BASED ON LESS THAN FULL MONTHS)

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

MONTHLY SNOWFALL  
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 035P33 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 46-87

YEAR	TOTAL MONTHLY SNOWFALL IN INCHES												ALL MONTHS
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
47					.3	.3	.3	.3	.3	.3	.3	.3	
50	*TRACE	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	*2.1
51	1.0	TRACE	TRACE	TRACE	.3	.3	.3	.3	*.3	.3	.3	TRACE	*1.0
52	.9	.3	7.0	TRACE	.3	.3	.3	.3	.3	.3	1.3	.9	10.0
53	3.0	3.1	.3	TRACE	.3	.3	.3	.3	.3	.3	.3	.3	.3
54	3.1	2.7	2.4	.3	.3	.3	.3	.3	.3	.3	.3	TRACE	9.0
55	3.3	11.3	1.7	.3	*TRACE	.3	.3	.3	.3	.3	.3	TRACE	*10.3
56	4.4	11.4	TRACE	TRACE	.3	.3	.3	.3	.3	.3	.3	.3	*10.0
57	*.3	*.3	*.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	
58	*TRACE	*1.0	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	
59	3.3	.3	.3	.3	TRACE	.3	.3	.3	.3	.3	.3	.3	
60	*3.0	TRACE	TRACE	.3	.3	.3	.3	.3	.3	.3	.3	TRACE	*3.0
61	TRACE	TRACE	TRACE	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3
62	3.0	9.6	3.0	.3	.3	.3	.3	.3	.3	.3	.3	TRACE	20.1
63	3.4	9.4	TRACE	TRACE	.3	.3	.3	.3	.3	.3	.3	TRACE	15.0
64	2.5	TRACE	.3	.3	.3	.3	.3	.3	.3	.3	.3	TRACE	4.0
65	.4	2.2	2.1	.1	.3	.3	.3	.3	.3	.3	.3	TRACE	.3
66	3.0	2.2	TRACE	1.9	.3	.3	.3	.3	.3	.3	.3	TRACE	.3
67	1.3	.3	TRACE	TRACE	TRACE	.3	.3	.3	.3	.3	.3	.3	4.3
68	3.0	TRACE	.3	1.7	.3	.3	.3	.3	.3	.3	.3	.3	7.4
69	TRACE	7.4	.3	TRACE	.3	.3	.3	.3	.3	.3	.3	.3	*10.0
70	1.1	4.2	3.6	TRACE	.3	.3	.3	.3	.3	.3	.3	.3	12.1
71	.3	TRACE	*7.9	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3
72	1.7	TRACE	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	1.0
73	TRACE	.3	TRACE	TRACE	.3	.3	.3	.3	.3	.3	.3	.3	*1.0
74	.3	TRACE	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3
75	TRACE	.3	1.7	.3	*.3	.3	.3	.3	.3	.3	.3	.3	*2.3
76	4.0	TRACE	TRACE	TRACE	.3	.3	.3	.3	.3	.3	.3	.3	4.0
77	1.4	.3	3.1	.3	.3	.3	.3	.3	.3	.3	.3	.3	4.0
78	3.7	2.4	4.0	TRACE	.3	.3	.3	.3	.3	.3	.3	.3	13.3

NOTE \* (BASED ON LESS THAN FULL MONTHS)

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GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

MONTHLY SNOWFALL  
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 075833 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 49-87

TOTAL MONTHLY SNOWFALL IN INCHES													
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
79	11.0	11.0	1.1	.5	TRACE	.0	.0	.0	.0	.0	TRACE	TRACE	24.5
80	TRACE	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	7.5	.5	4.5
81	1.0	.6	.2	TRACE	TRACE	.0	.0	.0	.0	.0	.0	11.0	1.5
82	.0	TRACE	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	TRACE	.5
83	TRACE	*2.0	TRACE	.2	TRACE	.0	.0	.0	*.0	.0	*TRACE	*TRACE	
84	*7.0	TRACE	TRACE	TRACE	*.0	.0	.0	.0	*.0	.0	*.0	*.0	*7.0
85	12.5	6.8	*1.4	TRACE	.0	TRACE	.0	.0	.0	.0	.2	*TRACE	*2.5
86	TRACE	1.3	*TRACE	TRACE	*TRACE	.0	.0	.0	.0	.0	TRACE	*.0	*1.5
87	4.3	1.8	.4	TRACE	TRACE	.0	.0	.0	.0	.0			
MEAN	2.49	2.52	.91	.16	TRACE	.01	.00	.00	.00	TRACE	.02	1.00	5.45
S.D.	3.186	3.811	1.555	.443	.000	.050	.000	.000	.000	.000	1.425	2.794	6.175
TOTAL OBS	1117	1021	1132	1050	1156	1106	1134	1140	1121	1166	1113	1092	12348

NOTE \* (BASED ON LESS THAN FULL MONTHS)



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SNOW DEPTH  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 035832 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 49-67

MONTH	AMOUNTS IN INCHES													% DAYS WITH MEAS AMTS	TOTAL OBS	MONTHLY AMOUNTS		
	NONE	TRACE	1	2	3	4 TO 6	7 TO 12	13 TO 24	25 TO 36	37 TO 48	49 TO 60	61 TO 120	OVER 120			MEAN	GREATEST	LEAST
JAN	85.2	5.9	4.6	2.2	1.2	.9								8.9	1159			
FEB	84.1	8.7	2.8	2.1	1.4	.8	.1							7.2	1044			
MAR	97.3	2.1	.3	.3	.1	.1								.7	1146			
APR	99.6	.4													1096			
MAY	100.0														1121			
JUN	100.0														1176			
JUL	100.0														1134			
AUG	100.0														1140			
SEP	100.0														1141			
OCT	100.0														1167			
NOV	98.5	.6	.4	.3	.1	.2								.9	1115			
DEC	93.2	3.2	2.1	1.1	.4									3.7	1142			
ANN	96.5	1.7	.8	.5	.3	.2	.2							1.8	13512			

GLOBAL CLIMATOLOGY BRANCH  
USAF/ETAC  
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF SNOW DEPTH  
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 018933 STATION NAME: RAF LAKEHURST UNITED KINGDOM

PERIOD OF RECORD: 40-87

YEAR	DAILY SNOW DEPTH IN INCHES												ALL MONTHS
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
49					•0	0	0	0	0	0	0	•0	1
50	•0	0	0	0	•0	0	0	0	0	0	0	1	1
51	1	0	•0	0	0	0	0	0	•0	0	0	0	1
52	TRACE	1	0	TRACE	0	0	0	0	0	0	TRACE	TRACE	1
53	2	1	0	0	0	0	0	0	0	0	0	0	1
54	1	1	1	0	0	0	0	0	0	0	0	0	1
55	2	6	TRACE	0	0	0	0	0	0	0	0	0	1
56	2	3	0	0	0	0	0	0	0	0	0	0	1
57	•0	0	•0	•0	•0	•0	•0	•0	•0	•0	•0	•0	•0
58	•TRACE	•2	•0	•0	•0	•0	•0	•0	•0	•0	•0	TRACE	•0
59	TRACE	0	0	0	0	0	0	0	0	0	0	0	TRACE
60	•4	TRACE	0	0	0	0	0	0	0	0	0	0	•0
61	0	0	0	0	0	0	0	0	0	0	0	0	•0
62	5	2	0	0	0	0	0	0	0	0	0	0	•0
63	4	4	TRACE	0	0	0	0	0	0	0	0	TRACE	•0
64	0	0	0	0	0	0	0	0	0	0	0	0	•0
65	0	0	0	0	0	0	0	0	0	0	0	0	•0
66	0	0	0	0	0	0	0	0	0	0	0	0	•0
67	0	0	0	0	0	0	0	0	0	0	0	0	•0
68	0	0	0	0	0	0	0	0	0	0	0	0	•0
69	0	•2	0	0	0	0	0	0	•0	0	0	0	•0
70	1	3	2	0	0	0	0	0	0	0	0	1	•0
71	0	0	•0	0	0	0	0	0	0	0	0	0	•0
72	1	TRACE	0	0	0	0	0	0	0	0	0	0	1
73	0	0	0	0	0	0	•0	0	0	0	1	TRACE	1
74	0	0	TRACE	0	0	0	0	0	•0	0	0	0	TRACE
75	0	0	TRACE	TRACE	•0	0	0	0	0	0	0	0	TRACE
76	4	1	0	0	0	0	0	0	0	0	0	1	•0
77	TRACE	0	0	TRACE	0	0	0	0	0	0	0	0	TRACE
78	1	2	4	0	0	0	0	0	0	0	0	1	•0

NOTE • (BASED ON LESS THAN FULL MONTHS)

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GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF SNOW DEPTH  
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 025833 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 49-87

YEAR	DAILY SNOW DEPTH IN INCHES -M-O-N-T-H-S-												ALL MONTHS
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
79	5	7	TRACE	0	0	0	0	0	0	0	0	0	1
80	TRACE	0	0	0	0	0	0	0	0	0	0	1	1
81	TRACE	TRACE	0	0	0	0	0	0	0	0	0	1	1
82	1	0	0	0	0	0	0	0	0	0	0	0	1
83	TRACE	*TRACE	0	0	0	0	0	0	0	0	0	0	1
84	*3	0	TRACE	0	0	0	0	0	0	0	0	0	1
85	*3	3	*TRACE	0	0	0	0	0	0	0	0	*TRACE	1
86	TRACE	1	*TRACE	0	0	0	0	0	0	0	0	*TRACE	1
87	3	1	0	0	0	0	0	0	0	0	0	0	1
MEAN	1.7	1.5	.3	TRACE	.1	0	0	0	0	0	.4	.1	.1
S.D.	1.55	1.75	.93	1.00	.80	.60	.60	.60	.60	.60	1.00	.55	.14
TOTAL OBS	1159	1044	1146	1096	1121	1106	1134	1140	1141	1107	1115	1147	1717

NOTE \* (BASED ON LESS THAN FULL MONTHS)

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## SURFACE WIND SUMMARIES

### EXTREME VALUES OF PEAK WINDS

DATA DERIVED FROM SUMMARY OF DAY DATA.

VALUES PRESENTED BY INDIVIDUAL MONTH AND YEAR WITH ALL YEARS COMBINED.

SPEEDS PRESENTED IN KNOTS.

DIRECTIONS PRESENTED IN 16 COMPASS POINTS FROM BEGINNING OF PERIOD OF RECORD THROUGH JUNE 1968. COMMENCING JULY 1968 DIRECTIONS PRESENTED IN TENS OF DEGREES.

AN ASTERISK "\*" IN THE TABLES INDICATES THAT THE VALUE IS BASED ON AN INCOMPLETE MONTH OF THREE OR MORE MISSING DAYS.

MEANS AND STANDARD DEVIATIONS PRESENTED DO NOT INCLUDE INCOMPLETE MONTHS. FOUR OR MORE MONTHS ARE NEEDED TO COMPUTE THESE STATISTICS AND INCOMPLETE MONTHS ARE NOT INCLUDED.

TABLES ALSO INCLUDE THE OBSERVATION COUNTS.

### BIVARIATE PERCENTAGE FREQUENCY TABULATIONS OF SURFACE WINDS

DATA DERIVED FROM HOURLY DATA.

PRESENTED ARE THE PERCENTAGE FREQUENCY OF WIND DIRECTION TO 16 COMPASS POINTS, CALM AND VARIABLE VERSUS WIND SPEED IN KNOTS IN INCREMENTS OF HEADPORT CLASSIFICATIONS.

PERCENTAGES ARE SHOWN BY BOTH DIRECTIONS AND SPEED, AND IN ADDITION THE MEAN WIND SPEED IS GIVEN FOR EACH DIRECTION.

DATA PRESENTED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED).

A SEPARATE ANNUAL TABLE PRESENTS THE SAME BIVARIATE DISTRIBUTIONS WITH IMPOSED CEILING/VISIBILITY LIMITATIONS: WHEN VISIBILITY IS EQUAL TO OR GREATER THAN 1/2 MILES, THE CEILINGS ARE 200 TO 1400 FEET AWAY; WHEN THE CEILING IS EQUAL TO OR GREATER THAN 200 FEET, THE VISIBILITIES ARE 1/4 THROUGH 1/2 MILES.

A PERCENTAGE VALUE OF "0" IN THESE TABLES INDICATES ONE OR MORE OCCURRENCES AMOUNTING TO LESS THAN .001%.

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF SURFACE WINDS  
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 07533 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 60-67

YEAR	DAILY PEAK GUSTS IN KNOTS												ALL MONTHS
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
60	W 35	SSW 32	NNW 31	SW 34	E 22	S 29	WSW 30	SE 23	NW 38	NW 24	SW 29	WSW 42	WSW 42
61	W 37	WSW 46	NNW 36	SW 24	E 32	NNW 23	W 31	WSW 40	SSW 20	NNW 35	SW 40	SW 41	WSW 46
62	SSW 45	W 41	SE 32	SW 34	SSW 33	WSW 35	W 30	SSW 32	S 36	NNW 37	W 34	W 54	W 54
63	ENE 35	ESE 32	SW 40	SE 30	W 30	W 37	SW 27	SW 35	W 27	ESE 22	SW 47	SW 24	W 47
64	W 29	W 27	E 28	NNW 31	SW 35	NE 31	WSW 32	SSW 28	WSW 44	SSW 33	SW 37	W 45	W 45
65	SW 43	W 32	ENE 35	NNW 40	WSW 43	WSW 39	WSW 35	W 32	W 40	SW 32	WSW 44	WSW 47	WSW 47
66	WSW 39	SSW 39	W 53	SSW 30	SW 51	W 34	W 35	WSW 34	WSW 34	SW 34	W 42	WSW 47	W 53
67	NNW 37	W 54	SW 44	NNW 43	ESE 40	SW 36	NNW 28	W 33	SSW 50	WSW 51	W 40	SW 37	W 54
68	SW 48	S 24	N 54	SW 38	WSW 37	S 39	SW 27	27	22	47	27	33	17
69	16	42	36	40	25	38	27	44	27	34	35	24	27
70	11	23	24	46	29	36	36	34	29	34	28	29	27
71	23	71	3	10	5	29			24	40	27	32	24
72	28	47	15	31	25	35	26	35	23	40	19	37	16
73	19	35	23	41	22	29	27	54	9	40	29	27	24
74	20	56	18	45	21	38	6	35	12	29	25	36	4
75	24	52	19	26	27	39	26	30	2	38	21	32	26
76	25	77	36	44	23	39	29	34	26	42	27	27	7
77	21	46	25	41	27	42	26	45	4	39	20	34	25
78	31	51	15	38	27	42	34	31	35	29	24	32	25
79	35	45	4	39	22	42	24	35	20	35	23	27	16
80	15	45	23	24	6	33	32	34	4	31	23	39	34
81	29	41	23	41	23	34	2	36	19	31	21	31	27
82	9	32	12	76	27	42	24	35	31	74	8	33	24
83	24	44	25	42	24	44	35	34	27	29	23	20	
84	26	57	24	52	31	46	5	27	5	37	12	26	35
85	23	29	9	76	11	24	27	42	5	32	27	31	14
86	23	44	2	39	22	63	27	34	18	32	21	31	34
87	5	41	23	71	22	56	27	37	35	34	25	32	21
MEAN	42.6	38.2	41.4	36.6	35.4	31.7	31.2	31.0	34.0	35.5	40.2	41.9	52.6
STDEV	9.43	7.65	8.97	6.27	6.37	4.55	5.75	4.99	6.76	5.84	4.37	7.14	5.18
TOTAL OBS	839	767	949	795	911	773	755	775	783	800	762	800	955

NOTES - BASED ON LESS THAN FULL MONTHS  
\* BASED ON LESS THAN FULL MONTHS AND 4000 KNOTS

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: C35832 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 78-97  
MONTH: JAN HOURS (LST): 0000-0100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.5	1.1	.3	.3		.2	.1				2.9	6.3
NNE	.5	.3	.8	1.2	.1						1.9	6.7
NE	1.0	.8	1.2	.3	.2						3.5	7.2
ENE	.3	.7	.2	.7	.1						2.0	6.8
E	.4	.2	1.4	.1	.3						2.4	6.9
ESE	.2	1.0	.9	.3							2.4	6.8
SE	1.0	.5	1.2	.5	.1						3.4	7.2
SSE	1.1	2.0	.4	1.1	.4						5.0	7.9
S	1.9	1.2	1.7	3.4	.2						8.4	6.7
SSW	1.1	1.7	4.7	3.6	.5	.4					12.1	6.9
SW	.7	1.3	3.2	4.0	.5						9.7	10.2
WSW	.4	1.3	3.8	4.5	.2	.1					10.4	10.3
W	.7	1.3	1.5	3.3	.8	.1					7.7	10.7
WNW	.4	1.2	.8	1.0	.2						3.6	8.3
NW	.3	.7	1.0	.4							2.4	6.3
NNW	.5	1.4	.5	.3							2.7	6.6
VARIABLE			.1								.1	8.0
CALM	////////////////////										16.9	////
TOTALS	12.6	16.7	23.8	25.1	3.8	.2	.1				100.0	7.5

TOTAL NUMBER OF OBSERVATIONS: 915

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035833 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 79-87  
MONTH: JAN HOURS(IST): 0300-0100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.1	1.1	.9		.1	.2					3.4	6.9
NNE	1.1	1.2	.9	.3							3.5	5.8
NE	1.2	.4	.5	.4	.3						3.0	7.4
ENE	.2	.2	1.0	.5							2.0	8.9
E	.3	.4	1.4	.4							2.6	8.5
ESE	.8	.7	.5	.7							2.6	6.7
SE	.3	1.3	1.2	.9	.1						3.8	8.1
SSE	.7	1.5	1.2	1.2	.4	.1					5.1	8.8
S	1.1	2.0	1.5	1.3	1.0	.2					7.1	9.5
SSW	.4	1.3	3.4	4.0	1.1	.1					10.4	11.6
SW	1.0	2.4	3.9	4.0	.5	.3					12.2	9.6
WSW	.3	.5	3.5	4.4	.2						9.0	10.8
W	1.0	1.4	1.7	3.7	.4						8.3	9.9
WNW	.8	.4	1.4	1.0	.1						3.7	8.4
NW	.5	.5	1.0	.8							2.8	7.8
NNW	.7	.5	.7	.1							2.0	5.7
VARIABLE			.1	.4	.2						.8	13.6
CALM	////////////////////										17.7	////
TOTALS	11.5	16.1	24.9	24.3	4.6	1.0					100.0	7.5

TOTAL NUMBER OF OBSERVATIONS: 915



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 015833 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 78-97  
MONTH: JAN HOURS(IST): 0600-0600

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.5	1.0	1.0	.2	.2						3.9	5.4
NNE	1.2	.5	1.0	.2							3.0	5.5
NE	.7	.3	.7	.7	.4	.1					2.8	6.7
ENE	.1	.2	1.0	.7							2.0	4.6
E	.5	.4	1.1	1.2							3.2	4.9
ESE	.1	.9	1.4	.4							2.8	7.7
SE	.4	1.4	.8	.3	.4		.1				3.4	4.7
SSE	.8	1.5	1.4	1.4	.5						5.7	8.6
S	1.4	1.7	1.2	2.4	.3	.2					7.2	4.7
SSW	.4	2.1	3.3	4.2	.5	.2					10.7	10.4
SW	.7	2.5	3.6	4.6	1.0	.4	.1				12.9	10.5
WSW	1.0	1.1	3.9	2.8	.7	.1	.2				9.4	10.2
W	.9	.4	2.6	2.4	.3						6.7	10.0
WNW	.1	1.2	1.3	1.0	.2						3.8	9.0
NW	.7	.7	1.4	.4	.2						3.1	4.4
NNW	.7	.9	.4	.3							2.3	5.8
VARIABLE			.1								.1	10.0
CALM	////////////////////										15.3	////
TOTALS	17.8	16.9	26.2	23.3	4.9	1.1	.4				100.0	7.7

TOTAL NUMBER OF OBSERVATIONS: 215

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 075831 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 7-87  
MONTH: JAN HOURS(IST): 0900-1400

DIRECTION (DEGREE)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-66	
N	1.5	1.2	.7	.2	.1						1.2	5.6
NNE	.5	.7	.9								2.1	5.6
NE	.3	.8	.5	.3	.4	.1					2.5	6.7
ENE	.2	.3	1.2	.8	.2						2.7	6.8
E	.4	.7	2.2	.8	.1						4.2	8.6
ESE	.2	1.5	.9								2.6	5.7
SE	.1	1.3	.5	1.0	.1	.1					2.2	9.7
SSE	.4	1.1	1.5	1.1	.4	.1					4.7	9.6
S	1.1	2.6	2.8	2.2	.7						9.4	8.6
SSW	.2	1.6	3.2	3.2	.8	.4					9.4	11.2
SW	.9	1.7	3.6	4.7	.8	.4	.2				12.3	11.0
WSW	.8	.8	3.2	5.2	.2	.1					10.3	10.7
W	1.2	1.3	2.3	3.4	.4	.8					9.4	10.8
WNW	1.1	.8	1.2	1.5	.3						4.9	9.1
NW	1.1	1.2	1.7	.8	.1						4.9	7.8
NNW	.8	.4	.4	.3							2.9	6.8
VARIABLE			.1	.1	.1						.7	17.7
CALM	////////////////////										11.9	////
TOTALS	10.4	16.0	27.0	25.6	4.8	2.1	.2				110.0	8.4

TOTAL NUMBER OF OBSERVATIONS: 916

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035833 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 78-87  
MONTH: JAN HOURS(1511: 1700-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL	MEAN SPEED
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-60	
N	1.0	1.2	.4	.7	.2						2.6	7.3
NNE		.7	1.2	.7							2.6	8.6
NE	.4	.9	.9	1.3	.2	.1					3.4	9.7
ENE	.2	.2	1.2	.3							2.4	8.1
E	.3	.4	1.4	1.1	.2						3.4	9.9
ESE	.2	1.7	1.3	.3							3.4	7.9
SE	1.1	.8	.8	.9	.2						3.7	7.7
SSE	.7	1.0	1.2	.6	.4	.2					4.2	8.4
S	.4	1.6	3.1	2.4	.5	.1					5.2	8.7
SSW	.1	.9	3.0	3.1	1.0	.3					6.2	11.7
SW	.4	1.5	3.0	2.8	1.2	.2	.1				6.7	11.1
WSW	.4	1.3	3.2	4.5	1.4	.7					11.5	11.9
W	1.1	.9	2.4	4.8	2.5	.3	.1				12.1	12.4
WNW	.9	.9	1.6	1.6	.7	.1					5.8	10.4
NW	1.2	2.4	2.1	1.0		.1					6.7	7.0
NNW	.2	1.2	1.7	.9	.2	.1					4.4	8.2
VARIABLE				.1	.2						.7	2.4
CALM	////////////////////////////////////										5.7	////
TOTALS	8.7	17.6	28.4	27.7	8.9	2.5	.2				107.0	9.8

TOTAL NUMBER OF OBSERVATIONS: 915

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: C15833 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 74-87  
MONTH: JAN HOURS/LETS: 1507-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.2	.5	.9	1.1	.3		.1				4.1	5.7
NNE	.9	1.2	.9	.4							3.4	5.0
NE	.3	1.0	1.2	1.1	.2						3.8	5.4
ENE	.4	.4	.8	.7							2.3	5.3
E	.3	1.1	.5	.7	.1						2.7	5.8
ESE	.8	1.1	1.2	.2							3.3	6.7
SE	.7	.9	1.4	.3							3.3	6.7
SSE	.3	1.4	1.1	1.6	.1	.2					4.7	6.4
S	.9	1.6	2.1	2.4		.2					7.2	6.2
SSW	1.6	1.4	2.0	2.4	.8	.2					8.4	6.6
SW	.8	2.4	3.7	3.7	.4	.3					11.3	6.7
WSW	.3	1.2	3.9	3.4	.8	.7					10.3	11.4
W	1.2	.7	2.5	3.1	1.0	.3					9.8	11.1
WNW	1.0	.9	1.9	1.6	.4	.2					6.0	9.9
NW	1.6	1.3	1.6	.9	.1						5.5	6.8
NNW	.9	1.9	1.5	.8	.7	.1					6.9	7.4
VARIABLE			.2			.1					.3	10.7
CALM	////////////////////////////////////										4.2	////
TOTALS	13.1	19.0	27.4	24.3	4.6	2.4	.1				100.0	9.8

TOTAL NUMBER OF OBSERVATIONS: 917

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: C15833 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 78-87  
MONTH: JAN HOURS/LEST: 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.4	.8	.7	.8	.1	.2	.1				4.0	4.3
NNE	1.4	1.0	.4	.8	.2						3.8	6.6
NE	.9	.9	1.4	1.2	.2						4.6	4.1
NNE	.3	.3	.1	.5	.1						1.4	8.4
E	.7	1.0	.4	.5	.1						2.7	7.2
ESE	.3	.7	1.5	.2							2.7	7.2
SE	1.0	1.5	.8	.8	.2						4.3	7.1
SSE	.9	1.6	.8	1.0	.2						4.5	7.4
S	1.3	1.3	1.7	2.1							6.4	8.0
SSW	1.2	1.7	3.2	3.5	.3	.1					10.0	9.3
SW	.4	2.7	4.0	4.3	.5	.4					12.4	10.0
WSW	.4	1.7	3.3	4.0	.3	.7					10.5	10.5
W	.7	1.6	2.1	2.4	.9	.1					7.8	10.1
WNW	1.2	1.5	1.0	1.2	.1	.1					5.1	7.6
NW	.8	.8	1.4	.3							3.3	6.5
NNW	.2	.5	1.5	.3	.1						2.7	5.8
VARIABLE				.1							.1	12.0
CALM	////////////////////										17.5	////
TOTALS	13.1	19.8	24.3	24.0	3.5	1.6	.1				100.0	7.6

TOTAL NUMBER OF OBSERVATIONS: 916

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035833 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 75-87  
MONTH: JAN HOURS(157): 2100-2100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.4	.8	.9	.3	.1	.3					3.8	7.3
NNE	1.1	.9	.8	.5							3.3	6.9
NE	.5	.7	1.1	1.1	.1	.1					3.6	9.0
ENE	.1	.2	.9	.3	.2						1.7	6.9
E	.4	.4	1.0	.4	.2						2.5	8.1
ESE	.5	.8	1.1	.3							2.7	6.5
SE	.4	1.1	1.2	.4	.1						2.3	7.2
SSE	1.1	1.9	1.3	.9	.1	.1					5.3	7.4
S	1.4	1.7	1.9	2.5	.2						7.7	8.1
SSW	.9	2.0	3.2	4.4	.3	.3					11.0	9.9
SW	.9	2.2	2.9	5.2	.4	.4					12.1	10.5
WSW	.7	1.6	3.3	3.7	.5	.3					10.1	10.3
W	1.2	1.2	1.6	3.2	.2						7.4	9.4
WNW	.7	.9	1.5	.9							3.9	7.7
NW	.1	.9	1.4	.2	.1						2.7	8.0
NNW	.5	1.1	1.1	.2							2.9	6.4
VARIABLE				.1							.1	15.0
CALM	////////////////////										15.7	////
TOTALS	12.0	18.2	25.1	24.7	2.7	1.6					100.0	7.4

TOTAL NUMBER OF OBSERVATIONS: 918

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035833 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 78-87  
MONTH: JAN HOURS(1ST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS								TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40		
N	1.2	1.0	.7	.5	.2	.1	.0		3.7	7.1
NNE	.8	.8	.8	.5	.0				3.1	6.5
NE	.7	.7	.9	.8	.3	.1			3.5	8.7
ENE	.2	.3	.8	.6	.1				2.1	9.1
E	.4	.6	1.2	.7	.1				3.0	8.7
ESE	.4	1.0	1.1	.3					2.9	6.9
SE	.6	1.1	1.0	.6	.2	.0	.0		3.5	7.7
SSE	.7	1.5	1.1	1.1	.3	.1			4.9	8.6
S	1.2	1.7	2.0	2.3	.4	.1			7.7	8.9
SSW	.7	1.6	3.2	3.5	.7	.3			10.0	10.3
SW	.7	2.1	3.5	4.2	.7	.3	.1		11.6	10.4
WSW	.5	1.2	3.5	4.1	.5	.3	.0		10.2	10.2
W	1.0	1.1	2.1	3.3	.9	.2	.0		8.5	10.7
WNW	.8	1.0	1.3	1.2	.3	.1			4.7	8.9
NW	.8	1.1	1.5	.6	.1	.0			3.9	7.4
NNW	.6	1.0	1.0	.4	.1	.0			3.1	7.2
VARIABLE			.1	.1	.0	.0			.3	14.3
CALM	////////////////////////////////////								13.4	////
TOTALS	11.5	17.8	25.9	24.9	4.7	1.7	.2		100.0	8.0

TOTAL NUMBER OF OBSERVATIONS: 7326

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 015833 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 79-87  
MONTH: FEB HOURS(LST): 0000-0100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	2.0	1.9	1.0	.5							5.4	5.2
NNE	1.9	1.6	2.0	1.0							5.5	6.7
NE	1.9	2.9	2.9	1.1	.2						9.0	7.1
ENE	1.1	2.4	3.0	2.2	.1						8.7	8.1
E	1.2	1.7	1.4	1.7							6.0	7.3
ESE	.6	1.4	1.4		.5						3.9	7.5
SE	.1	1.7	1.3	.7							3.4	7.5
SSE	1.2	1.2	1.6	1.0							4.6	6.7
S	1.7	1.8	2.2	1.6	.7						7.9	7.7
SSW	.7	1.4	2.0	1.2	.2						5.4	6.1
SW	.6	1.0	2.6	1.7		.7					6.1	8.5
WSW	.1	1.1	3.0	.5	.2	.1	.2				4.1	7.4
W	.7	.5	.6	1.0							2.7	8.0
WNW	.7	.2	.4	.2							1.5	6.0
NW	.4	.4	.7	.2							1.7	6.4
NNW	1.6	1.1	.2	.2							3.1	4.7
VARIABLE			.2								.2	2.5
CALM	////////////////////////////////////										17.7	////
TOTALS	16.5	22.1	26.5	14.6	2.9	.4	.2				100.0	6.2

TOTAL NUMBER OF OBSERVATIONS: 837



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM FULLY OBSERVATIONS

STATION NUMBER: 035933 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 1947-7  
MONTH: FEB HOURS: 0000-2359

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-54	55-56	TOTAL	MEAN SPEED
N	1.3	1.6	1.4	.5								4.8	1.2
NNE	1.4	1.8	2.0	1.0	.1	.1						6.5	1.4
NE	2.2	1.9	2.3	.7		.1						7.2	1.7
ENE	1.4	2.4	3.2	2.2	.1							14.7	1.7
E	1.4	1.6	2.2	2.0								7.2	1.4
ESE	.5	1.1	1.1	.2								2.9	1.1
SE	.7	1.3	1.1	1.2								4.3	1.1
SSE	.5	1.1	1.4	.6	.1							3.7	1.1
S	1.7	2.0	1.6	1.8	.1							7.2	1.3
SSW	.7	1.4	2.0	1.6	.4							6.1	1.7
SW	.8	1.8	1.6	.8	.2	.2	.1					5.5	1.7
WSW	.5	.8	2.6	1.2	.7							5.8	1.7
W	.4	.7	.8	1.0								2.9	1.3
WNW	.7	.7	.4	.2		.1						2.2	1.1
NW	.5	1.0	.8	.4								2.7	1.7
NNW	.8	1.2	.2									2.2	1.4
VARIABLE				.2								.2	12.5
CALM	////////////////////											14.4	////
TOTALS	15.5	22.3	24.7	15.5	1.8	.6	.1					107.0	1.1

TOTAL NUMBER OF OBSERVATIONS: 837

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 015833 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 78-87  
MONTH: FEB HOURS(LOCAL): 0600-0600

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	PEAK WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	2.4	1.3	1.1	.4							5.1	5.2
NNE	1.4	1.3	1.6	.7	.1	.2					4.6	7.6
NE	2.7	2.0	1.8	1.0	.2						7.8	6.0
ENE	.6	1.6	2.2	3.0	.1						7.4	9.1
E	1.2	2.3	2.2	2.6	.1						4.5	8.2
ESE	.7	2.5	1.1	.4							4.7	5.9
SE	.6	1.0	.7	.6							3.1	6.6
SSE	.6	1.6	1.4	.5	.2						4.3	7.3
S	1.2	1.9	1.9	1.9	.1						7.2	7.5
SSW	1.3	1.2	3.1	.5							6.1	6.7
SW	.8	1.6	1.4	1.0	.6						5.4	8.6
WSW	1.0	.7	1.0	2.0	.1	.2					5.0	5.6
W	.6	.5	1.4	1.1	.1						3.7	8.9
WNW	.4	.5	.6	.5	.1	.1					2.2	5.1
NW	.4	.2	.4	.2							1.2	7.1
NNW	.4	.7	.7	.2							2.5	5.6
VARIABLE			.5								.5	9.0
CALM	////////////////////////////////////										19.8	////
TOTALS	17.2	20.8	23.2	16.5	1.9	.5					100.0	6.0

TOTAL NUMBER OF OBSERVATIONS: 837

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 015833 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 78-87  
MONTH: FEB HOURS(LOCAL): 0900-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.0	1.7	2.2	1.0		.1					5.0	7.2
NNE	.7	1.8	2.2	.8	.2						5.7	7.9
NE	1.6	1.0	1.7	1.4	.1						5.7	7.7
ENE	.1	1.4	2.6	2.2	.6						6.9	10.4
E	.5	2.2	2.9	3.9	.5	.1					10.0	10.2
ESE	.5	1.6	2.5	1.2	.1						5.9	8.1
SE	.5	.7	1.7	1.2	.1						4.0	6.6
SSE	.7	1.4	1.9	1.7							5.7	7.9
S	1.3	1.3	1.9	2.9	.1						7.5	8.7
SSW	.1	1.4	1.7	1.4							4.7	8.6
SW	1.3	1.3	1.8	1.7	.5	.1					6.7	8.6
WSW	.6	1.1	1.8	1.9	.6	.1	.1				6.2	10.5
W	.4	.5	1.2	1.0	.4						3.7	10.0
WNW	.6	.8	.1	.7	.1						2.4	7.1
NW	1.0	1.6	.5		.2						3.2	5.7
NNW	.0	1.0	.8	.1							2.7	6.1
VARIABLE			.6	.4							1.0	10.5
CALM	////////////////////////////////////										11.8	////
TOTALS	11.1	20.7	28.0	24.5	3.6	.5	.1				100.0	7.7

TOTAL NUMBER OF OBSERVATIONS: 837

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035933 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 79-P7  
MONTH: FEB HOURS/STATION: 1000-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS							TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33		
N	.1	1.2	2.2	1.0	.1	.1		4.7	8.9
NNE	.4	1.1	2.5	2.3	.5	.2		5.9	10.5
NE	.2	1.1	2.0	2.0	.4			5.7	10.1
ENE	.5	1.2	2.2	4.1	.7	.2		8.9	10.9
E	.2	1.9	3.0	4.3	.8	.2		10.5	11.1
ESE	.8	1.2	2.9	2.0	.2			7.2	9.1
SE	.7	1.2	1.1	1.9	.1			5.0	8.7
SSE	1.1	.7	2.2	2.0	.2			6.2	8.8
S	1.2	1.3	2.0	1.1	.1			5.7	7.6
SSW	.1	1.3	1.6	3.1				6.1	10.1
SW	1.0	1.0	.8	1.6	.1			4.4	8.4
WSW	.4	1.3	1.1	1.9	.4	.2	.1	5.4	11.2
W	1.0	1.4	1.1	2.6	1.0	.1		7.2	10.7
WNW	1.1	1.7	.5	.5	.1			3.9	8.3
NW	.8	1.4	.6	.5	.4			3.7	7.1
NNW	.6	1.3	1.7	.4		.1		4.1	7.4
VARIABLE		.7	.6					1.3	10.5
CALM	////////////////////							3.6	////
TOTALS	10.2	20.0	28.0	31.8	5.1	1.7	.1	100.0	9.2

TOTAL NUMBER OF OBSERVATIONS: 937

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035833 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 7447  
MONTH: FEB HOURS: 17-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	CALM %
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-54		
N	.2	1.9	2.0	1.3							5.4	0.0
NNE	1.0	1.8	3.2	.8	.4						7.2	0.0
NE	.7	1.3	2.1	2.0	.4						6.5	0.0
ENE	.8	2.4	4.0	2.7	.6	.1					10.7	0.0
E	1.3	2.1	2.9	3.1	.4						10.8	0.0
ESE	1.0	1.4	2.6	2.4	.1						7.6	0.0
SE	.6	.6	2.1	1.1	.1						4.5	0.0
SSE	.6	.6	2.4	1.7	.1						5.4	0.0
S	1.2	1.8	3.0	1.0	.1						7.1	0.0
SSW	.6	.8	1.4	1.1							3.9	0.0
SW	.6	.5	.7	1.1	.5	.1					3.5	10.0
WSW	.8	.7	1.4	.6	.5						3.5	0.0
W	1.7	1.4	2.0	1.7	.7						7.5	0.0
WNW	.4	.6	1.3	.5							2.8	0.0
NW	.2	1.1	.5	.7	.1						2.6	0.0
NNW	.7	1.4	1.8								3.9	0.0
VARIABLE		.1	.2	.5							0.8	10.0
CALM	////////////////////////////////////										7.7	0.0
TOTAL	17.1	20.4	33.9	22.1	3.9	.7					100.0	7.0

TOTAL NUMBER OF OBSERVATIONS: 440

GLOBAL CLIMATOLOGY BRANCH  
USAFETAL  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 075433 STATION NAME: RAF LARKHLEATH UNITED KINGDOM

PERIOD OF RECORD: 70-67  
MONTH: FEB HOURS(LOCAL): 1400-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN KNOTS
	1-7	8-10	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50		
N	1.7	2.4	1.6	.7							6.7	5.9
NNE	1.8	2.9	2.1	.8							7.6	6.2
NE	1.2	1.9	1.7	1.3	.4						6.4	7.5
ENE	2.6	2.9	3.8	2.5	.1						11.9	7.4
E	1.3	2.7	1.7	1.6	.4						7.6	7.4
ESE	1.6	1.2	1.8	1.2							5.7	6.4
SE	1.4	2.0	2.0	.8							6.3	6.6
SSE	.7	1.7	1.7	1.7	.1						6.4	6.4
S	.7	1.6	2.3	1.4							6.0	7.2
SSW	.4	.7	1.2	1.3	.1						3.7	9.3
SW	.6	1.1	.6	1.2	.2						3.9	8.6
WSW	.7	.7	1.3	1.2		.1					3.9	8.6
W	1.1	.7	1.3	1.3	.4						4.4	8.5
WNW	.5	.8	.9	.1							2.3	6.0
NW	.7	.7	.5	.1							2.1	5.1
NNW	.5	.7	.4	.2							1.8	5.3
VARIABLE			.1	.1							.7	12.4
CALM	////////////////////////////////////										13.7	////
TOTALS	17.4	24.7	25.5	17.5	1.7	.1					100.0	6.4

TOTAL NUMBER OF OBSERVATIONS: 438

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035833 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 74447  
MONTH: FEB HOURS: 0000-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN KNOTS
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	2.5	3.0	1.0	.6							7.1	4.2
NNE	1.7	2.0	2.5	.7	.2						4.6	4.5
NE	2.0	1.7	1.9	.6							5.2	4.4
ENE	1.4	3.0	2.7	2.3	.2						9.6	3.5
E	1.4	2.5	1.7	1.4	.4						7.4	3.3
ESE	.7	1.9	2.0	1.1	.1						5.8	2.6
SE	.8	2.2	1.1	1.1							5.1	2.7
SSE	1.1	1.0	1.2	1.2							4.5	2.3
S	1.2	2.2	3.2	1.9							9.5	3.4
SSW	.5	1.0	1.6	2.3	.4						5.8	3.1
SW	.2	1.2	1.2	1.0	.1						3.7	2.0
WSW		.5	2.2	1.2	.1						3.8	18.1
W	1.4	1.1	1.7	.5	.2						4.9	3.1
WNW	.7	.2	.8			.1					1.8	2.0
NW	.5	.2	.2	.1							1.1	5.0
NNW	.6	.1	.4	.1							1.2	5.9
VARIABLE		.1	.1								.2	2.5
CALM	////////////////////										15.8	////
TOTALS	16.8	23.8	21.4	11.2	1.8	.1					100.0	6.2

TOTAL NUMBER OF OBSERVATIONS: 837

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 054933 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 74-87  
MONTH: FEB HOURS/DAY: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MAX WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55		
N	1.4	1.0	1.0	.7	.0	.0					3.1	1.4
NNE	1.7	1.0	2.3	1.0	.2	.1					3.3	2.3
NE	1.6	1.7	2.0	1.3	.2	.0					3.8	2.0
ENE	1.1	2.1	3.0	2.8	.7	.0					4.7	3.0
E	1.1	2.1	2.0	2.6	.7	.0					4.4	2.6
ESE	.8	1.5	1.9	1.1	.1						3.4	1.9
SE	.7	1.2	1.4	1.1	.0						3.4	1.4
SSE	.8	1.2	1.7	1.3	.1						3.1	1.7
S	1.7	1.7	2.3	1.7	.2						4.1	2.3
SSW	.7	1.2	1.6	1.6	.1						3.2	1.6
SW	.7	1.2	1.4	1.2	.7	.1	.0				3.3	1.4
WSW	.7	.8	1.8	1.3	.7	.1	.1	.0			3.8	1.8
W	.9	.9	1.7	1.3	.7	.0					4.2	1.7
WNW	.8	.7	.8	.3	.0	.0					1.8	1.0
W	.8	.9	.8	.3	.1						1.9	1.0
NNW	.7	.9	.8	.2		.0					2.6	1.0
VARIABLE	.0	.0	.0								.0	10.0
CALM	////////////////////										13.9	////
TOTALS	14.6	21.9	16.9	14.4	2.7	.1	.1	.0			100.0	3.0

TOTAL NUMBER OF OBSERVATIONS: 6700



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035833 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 78-87  
MONTH: MAR HOURS(EST): 0000-0400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	PLAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.6	1.3	.8	.4							4.1	4.2
NNE	1.1	.7	1.5	.5							3.8	6.4
NE		.5	.2	.5	.2	.1					1.6	10.8
ENE	.4	.5	.9								1.9	5.9
E	.4	.7	1.1	.3							2.5	6.9
ESE	.9	1.2	1.4	.3							3.8	6.4
SE	.4	2.7	1.3	.3	.1						4.9	6.5
SSE	2.1	1.7	1.5	.4	.1						5.9	5.6
S	2.4	2.6	3.1	2.1	.2	.5					10.9	6.2
SSW	1.2	1.6	4.5	1.6	.8	.3					17.0	9.3
SW	1.0	2.6	4.9	3.7	.7	.3					17.2	9.4
WSW	.7	2.6	3.1	1.6	.5	.3					9.8	9.3
W	1.0	1.6	.9	1.1	.5						6.1	6.6
WNW	.4	1.0	.3	.2	.1						2.1	6.7
NW	.5	1.2	.7	.2	.4	.1					3.2	6.9
NNW	.3	1.1	.3								1.7	5.4
VARIABLE												
CALM	////////////////////											16.4
TOTALS	19.5	23.7	26.4	13.5	3.7	1.7					107.0	6.5

TOTAL NUMBER OF OBSERVATIONS: 918

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035833 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 74-77  
MONTH: MAR HOURS: 0000-2400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MAX %
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55		
N	1.6	1.7	.4	.5							4.2	1.6
NNE	1.5	.5	1.6	.2							3.8	1.6
NE	.9	.2	.9	.7	.1	.1					2.9	1.6
ENE	.3	.4	.4								1.1	1.6
E	.7	1.0	1.2	.4							3.3	1.6
ESE	1.4	1.6	1.0	.2							4.2	1.6
SE	1.1	1.9	.8	.5	.1						4.4	1.6
SSE	2.1	1.6	2.7	.7							7.1	1.6
S	2.7	1.6	2.5	2.7	.5	.1					10.1	1.6
SSW	1.5	2.5	4.2	2.5	.2						11.9	1.6
SW	1.1	2.7	3.7	2.1	.9		.1				10.6	1.6
WSW	1.7	2.7	2.9	2.8	1.3	.2					11.5	1.6
W	1.1	2.1	.7	.9	.1						6.9	1.6
WNW	.8	1.7	.8	.3	.1						3.7	1.6
NW	.4	1.5	.7	.5	.1						3.2	1.6
NNW	1.0	.7	.4		.1						2.2	1.6
VERIFIABLE												
CALM	////////////////////										10.7	1.6
TOTALS	19.4	24.1	24.4	15.1	3.6	.4	.1				107.0	6.5

TOTAL NUMBER OF OBSERVATIONS: 918

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035833 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 78-87  
MONTH: MAR HOURS (LST): 0600-0600

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	PEAK WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	2.2	1.1	1.2	.5							5.0	5.4
NNE	.9	.5	1.3	.7							3.4	7.7
NE	.3	.8	.9	.5							2.5	7.9
ENE	.7	.7	.3								1.6	4.1
E	.2	1.0	1.2	1.0							3.4	6.5
ESE	1.0	2.0	2.1	.7							5.7	6.7
SE	.8	3.4	1.3	.4							6.9	5.9
SSE	1.4	2.2	2.3	.7	.1						6.6	6.5
S	1.3	2.1	2.5	3.2	.9						9.9	9.2
SSW	1.9	.9	3.5	3.8	.4						10.5	9.2
SW	1.5	3.3	2.7	2.8	1.0						11.3	8.9
WSW	1.2	1.2	2.6	2.9	1.1	.3					9.4	10.2
W	.4	1.3	2.5	1.0	.1						5.3	8.1
WNW	.3	2.0	.9	.4							3.6	6.5
WW	.6	1.6	.8	.9							3.8	7.0
NNW	.4	.1	.5	.2	.2						1.5	8.6
VARIABLE				.3							.3	14.0
CALM	////////////////////////////////////										17.2	////
TOTALS	15.0	24.0	26.6	20.0	3.9	.3					100.0	7.2

TOTAL NUMBER OF OBSERVATIONS: 918

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035833 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 72-87  
MONTH: MAR HOURS(LOCAL): 0900-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.1	1.4	1.4	.5	.1						4.6	0.9
NNE	.1	.5	.9	1.2							2.7	9.7
NE	.2	.7	2.2	1.0	.4						4.5	10.4
ENE	.1	.4	1.2	.4							2.2	6.5
E	.3	1.2	.7	1.9	.1						4.1	9.6
ESE	.2	.7	1.0	1.0							2.9	8.5
SE	.4	1.0	3.4	1.2	.1						6.1	8.6
SSE	.5	1.3	2.7	1.2							5.8	8.1
S	.3	1.5	2.8	3.6	.7	.2					9.7	10.5
SSW	.8	1.0	3.7	3.7	1.2	.2					10.6	11.1
SW	.9	1.4	2.6	2.6	1.0	.3		.1			8.9	11.0
WSW	.7	1.6	2.6	4.0	.8	.4					10.1	11.0
W	.9	1.5	2.4	4.1	1.2	.4					10.6	11.4
WNW	.2	.7	1.5	1.3	.1	.1					3.9	10.1
NW	.3	1.3	1.2	1.7	.5	.1					5.2	10.5
NNW	.8	1.1	.8	1.0							3.6	7.5
VARIABLE			.5	.2	.3						1.1	13.1
CALM	////////////////////////////////////										3.9	////
TOTALS	7.9	17.3	31.6	30.8	6.5	1.9		.1			100.0	9.7

TOTAL NUMBER OF OBSERVATIONS: 917

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035833 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 78-87  
MONTH: MAR HOURS(IST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.8	1.0	2.1	1.0	.1							4.9	8.0
NNE		.3	2.6	1.7	.1							4.4	10.2
NE	.1	.5	.9	2.3		.1						3.9	11.1
ENE	.1	.7	.3	.7								1.7	9.0
E	.2	.5	.8	1.0	.1							2.6	9.8
ESE		1.3	1.2	1.2	.1							3.8	9.4
SE	.3	.9	1.5	1.1	.3							4.1	9.4
SSE		.8	2.6	1.0	.2							4.6	9.5
S	.3	2.1	3.7	2.4	.8							9.3	9.6
SSW	.7	1.3	2.4	5.3	1.4	.4						11.5	11.9
SW	.7	1.0	1.6	2.6	1.5	.3	.3	.2				9.3	12.2
WSW	.4	1.4	2.2	4.5	1.2	.4						10.1	12.1
W	.5	1.9	2.7	4.4	1.0	.7	.2					11.5	12.7
WNW	.7	1.0	1.5	2.5	.2	.1	.1					6.1	10.5
NW	.3	.5	1.7	1.2	.4	.7						4.5	10.6
NNW	.9	1.6	1.9	1.2	.1							5.6	8.0
VARIABLE		.2	.8	.2	.1	.1						1.4	10.7
CALM	////////////////////											1.2	////
TOTALS	5.9	17.0	30.5	34.2	7.7	2.6	.7	.2				100.0	10.6

TOTAL NUMBER OF OBSERVATIONS: 918

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035833 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 74-87  
MONTH: MAR HOURS(LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.7	1.8	3.0	2.3	.1						7.9	8.7
NNE	.1	1.1	2.4	1.7							5.3	9.0
NE		.7	1.0	1.2	.2						3.0	10.5
ENE	.1	.5	.9	.5	.1						2.2	4.5
E	.5	1.1	1.8	1.2	.2						4.9	5.6
ESE	.1	.5	1.2	.8							2.6	5.9
SE	.4	.9	2.3	.8							4.3	5.2
SSE	.7	1.2	2.2	.9							4.9	7.6
S	.9	1.7	2.6	2.6	.7						8.5	9.4
SSW	.5	1.2	3.0	4.3	1.1						17.2	10.9
SW	.5	1.0	2.4	4.1	1.3	.2		.3			9.2	12.7
WSW	.4	1.2	1.7	3.6	1.0	.3					8.3	11.8
W	1.3	1.1	3.7	4.2	1.8	.3					12.5	11.3
WNW	.8	1.0	1.3	1.1	.1	.1	.1				4.5	9.0
NW	.7	1.3	.7	.9	.3						3.4	8.2
NNW	.9	.9	2.0	.4	.1	.1					4.3	7.6
VARIABLE			.2	.2	.1						.5	17.0
CALM	////////////////////////////////////										2.4	////
TOTALS	9.6	17.2	32.4	30.8	7.2	1.1	.1	.3			100.0	9.8

TOTAL NUMBER OF OBSERVATIONS: 961

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: D15833 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 79-87  
MONTH: MAR HOURS(LEST): 1400-2100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.6	2.6	1.6	.8	.4						7.1	7.0
NNE	.8	2.0	1.6	.5							4.9	6.8
NE	.9	.9	1.2	.4	.1						1.5	7.0
ENE	.4	.5			.2						1.2	6.4
E	.8	1.7	2.4	.8	.1						6.4	6.4
ESE	1.2	1.8	1.8	.7							6.5	6.4
SE	.9	2.0	1.5	.4							4.9	6.2
SSE	1.4	1.2	1.4	.7							4.7	6.5
S	1.1	1.8	3.8	2.3	.4						9.4	8.6
SSW	.5	1.1	2.7	3.3	.8						4.4	10.5
SW	.4	1.5	3.3	2.8	.4		.1				3.4	10.0
WSW	1.1	2.5	2.5	2.6	.3	.2	.1				4.4	9.1
W	.5	1.5	2.7	2.1	.7	.2					3.7	10.0
WNW	.4	.5	.7	.3	.1	.1					2.2	6.7
NW	.2	.7	.3		.1		.1				1.4	5.2
NNW	1.3	1.3	.3	.2							3.2	4.8
VARIABLE			.1								.1	10.0
CALM	////////////////////										12.2	////
TOTALS	13.6	23.7	26.1	17.8	3.7	.5	.3				117.0	7.2

TOTAL NUMBER OF OBSERVATIONS: 919

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035833 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 78-87  
MONTH: MAR HOURS (LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND SPEED
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	2.2	2.1	1.6	.7							6.5	5.1
NNE	.9	1.4	1.0	.2							3.5	6.0
NE	.4	.9	1.0	.3							2.6	6.9
ENE	.2	.5	.5	.2	.1						1.5	8.1
E	.7	.8	1.4	.2							3.0	6.6
ESE	.8	1.8	1.6	.2							4.5	6.2
SE	1.0	2.5	1.5	.4							5.4	6.1
SSE	2.3	1.8	2.4	.9							7.4	5.9
S	1.5	1.5	2.7	2.9	.3						9.7	5.9
SSW	.8	2.0	3.5	2.6	.7						9.5	5.3
SW	1.1	2.1	2.8	2.7	.7	.4					9.8	5.9
WSW	1.0	1.7	3.2	2.9	.7						9.5	5.4
W	1.7	1.5	1.6	2.0							6.9	7.3
WNW	.4	1.0		.1		.2					1.7	7.0
NW	.8	.5	.5		.1	.3					2.3	8.2
NNW	1.3	.8	.2								2.3	3.8
VARIABLE			.1	.1							.2	11.5
CALM	////////////////////////////////////										14.3	////
TOTALS	17.0	23.0	25.8	16.5	2.5	1.7					100.0	6.6

TOTAL NUMBER OF OBSERVATIONS: 919



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: C35833 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 78-87  
MONTH: MAR HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.5	1.6	1.5	.8	.1						5.5	6.8
NNE	.7	.9	1.6	.9	.0						4.0	7.7
NE	.3	.6	1.0	.9	.1	.0					3.0	9.2
ENE	.3	.6	.6	.2	.1						1.7	7.3
E	.5	1.0	1.3	.6	.1						3.7	5.0
ESE	.7	1.4	1.4	.6	.0						4.1	7.0
SE	.7	1.9	1.7	.7	.1						5.0	7.1
SSE	1.3	1.5	2.2	.8	.1						5.8	6.8
S	1.3	1.9	3.0	2.7	.6	.1					9.6	9.2
SSW	1.0	1.4	3.4	3.4	.8	.1					17.2	10.1
SW	.9	1.9	3.0	2.9	.9	.2	.1	.1			17.1	10.4
WSW	.8	1.9	2.6	3.1	.9	.3	.0				9.6	10.3
W	.9	1.6	2.2	2.5	.7	.2	.0				9.1	10.1
WNW	.5	1.0	.9	.8	.1	.1	.0				7.4	8.5
NW	.5	1.1	.8	.7	.3	.1	.0				3.4	9.8
NNW	.8	.9	.8	.4	.1	.0					3.0	6.7
VARIABLE		.0	.2	.1	.1	.0					.5	12.1
CALM	////////////////////////////////////										9.2	////
TOTALS	12.7	21.2	28.2	22.4	4.8	1.2	.1	.1			110.7	8.0

TOTAL NUMBER OF OBSERVATIONS: 7348

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: C35833 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 7A-P7  
MONTH: APR HOURS(IST): 0000-0000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL	MEAN
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	WIND
N	1.1	2.6	2.3	.4							6.4	6.2
NNE	1.7	2.3	1.3	1.1	.6						7.0	7.2
NE	2.1	.8	1.0	.4							4.3	5.3
ENE	.1	.7	.2	.3							1.7	6.9
E	.4	1.2	.9	.6	.1						3.2	7.3
ESE	2.1	3.0	1.8	.3							7.2	5.2
SE	1.9	2.1	.3	.1							4.4	4.4
SSE	2.1	1.7	.6	.2							4.6	4.5
S	2.0	3.1	1.2	1.2							7.6	6.3
SSW	.6	1.2	1.9	.7	.3						4.7	8.0
SW	1.2	1.3	1.0	1.1	.1						4.9	7.3
WSW	2.1	1.0	.7	.7	.2						4.7	6.0
W	1.3	1.7	2.1	.6	.2	.1					6.0	7.7
WNW	1.7	1.6	1.2	.3							4.8	5.5
NW	1.4	.9	1.9	.3	.1						4.7	6.5
NNW	.7	1.3	.4	.1							2.5	5.2
VARIABLE				.1							.1	15.0
CALM	////////////////////////////////////										21.7	////
TOTALS	22.6	26.4	18.9	8.7	1.7	.1					100.0	4.8

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035931 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 78-87  
MONTH: APR HOURS(LST): 0000-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.5	2.9	2.2	.7							7.7	5.0
NNE	1.0	1.4	1.7	1.1	.4						6.7	5.1
NE	1.1	1.2	1.0	.7							4.0	6.1
ENE	.6	.9									1.4	3.9
E	.7	.9	1.6	.4							3.6	6.8
ESE	1.4	2.6	1.7	.1							5.8	5.5
SE	1.7	1.7	1.2								4.6	4.8
SSE	2.9	1.7	.7								5.2	3.7
S	.9	3.1	1.8	.6							6.4	6.2
SSW	.8	.9	1.7	.6	.1						4.2	7.9
SW	1.4	1.8	.7	.7							4.6	5.9
WSW	.8	2.3	.9	.8	.2						5.0	7.0
W	.8	1.7	1.1	.8	.1	.2					4.7	7.5
WNW	.6	1.3	1.3	.2							3.8	6.4
NW	1.6	2.1	1.1	.9							5.7	6.1
NNW	.8	1.9	.7	.2							3.4	5.6
VARIABLE												
CALM	////////////////////										24.4	////
TOTALS	19.1	28.3	19.2	7.9	.9	.2					100.0	4.7

TOTAL NUMBER OF OBSERVATIONS: 849

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/HMC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 015937 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 7A-87  
MONTH: APR HOURS: 01-24

DIRECTION (DEGREES)	WIND SPEED IN KNOTS						TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27		
N	1.4	2.9	3.4	1.2	.1		9.1	7.0
NNE	.9	.9	2.6	2.0			6.3	6.9
NE	.7	.8	1.3	.9			3.7	7.5
ENE	.7	1.1	.9	.2	.1		3.0	6.4
E	.4	1.6	1.0	.7			3.7	6.9
ESE	.8	2.2	1.9	.3			5.2	6.4
SE	1.2	1.9	1.8	.3			5.2	6.1
SSE	2.0	1.1	.4	.2			4.2	4.6
S	1.6	2.6	2.0	.8	.1		7.1	6.5
SSW	1.1	1.2	1.8	1.0			5.1	7.5
SW	1.4	1.8	1.7	.9	.1		5.9	6.4
WSW	.8	1.2	1.7	.9	.3		4.9	6.1
W	1.2	1.2	1.7	1.0	.3		5.4	7.6
WNW	1.7	.8	1.6	1.0			5.1	6.6
NW	1.9	1.2	2.2	1.3			6.7	7.0
NNW	.9	1.4	1.6	.4	.1		4.4	6.4
VARIABLE				.1			.1	12.0
CALM	////////////////////////////////////						15.0	////
TOTALS	18.7	23.9	27.9	13.3	1.2		100.0	6.9

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035833 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 78-87  
MONTH: APR HOURS(EST): 0600-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55		
N	.7	2.9	4.4	3.3	.6						11.9	7.1
NNE	.1	1.2	2.6	2.3	.4						6.7	10.1
NE	.3	1.1	2.0	.7	.6						4.7	9.6
ENE	.2	.4	.9	.7	.1						2.3	9.2
E	.1	.9	1.9	1.6	.1						4.6	9.5
ESE	.1	1.3	1.6	.9	.1						4.0	9.3
SE	.2	1.1	1.9	1.3	.2						4.4	9.1
SSE	.2	2.1	1.9	.7							4.9	7.7
S	.6	1.2	1.7	.8	.2						4.4	7.2
SSW	.7	.7	2.3	1.6	.7						6.1	9.8
SW	1.2	1.6	1.4	1.9	.2						6.3	9.1
WSW	.7	1.3	2.0	.9							4.9	8.0
W	1.4	1.4	4.0	2.1	.8	.2					10.1	9.0
WNW	1.3	.8	1.6	1.1	.1						4.9	7.7
NW	1.2	1.7	2.2	1.4	.1						6.7	7.8
NNW	.9	1.7	2.6	2.0		.7					7.7	8.8
VARIABLE			1.0	.7	.1						1.9	9.9
CALM	////////////////////										7.7	////
TOTALS	10.1	21.4	36.1	27.8	4.7	.5					100.0	8.5

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035833 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 7-6-7  
MONTH: APR HOUR: 0000-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS							TOTAL	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33		
N	1.0	1.3	6.2	4.8	.2			13.5	5.2
NNE	.4	1.7	2.8	3.4	.7			6.2	2.4
NE	.7	.3	1.7	1.2	.3			3.2	1.2
ENE		.6	1.0	.6	.7			2.7	1.1
E		.6	1.3	1.6	.1			3.6	1.1
ESE	.7	1.0	2.0	.6	.3			4.6	1.4
SE	.4	.6	1.6	2.2	.7			5.5	1.4
SSE	.6	.6	1.4	1.0	.1			3.7	1.4
S	.9	1.1	2.0	.9	.1			5.0	1.4
SSW	.7	.4	1.9	1.7	.7	.1		5.4	1.4
SW	.6	1.2	2.1	2.0	.1			6.1	1.4
WSW	.4	.6	2.2	2.2	.7	.1		6.2	1.4
W	.4	2.7	3.8	1.6	.6	.1		8.2	1.4
WNW	1.0	1.3	1.2	.8	.7			4.6	1.5
W	1.0	1.0	1.7	.9				4.6	1.5
WNW	.4	1.9	2.6	2.4	.2	.1		7.6	1.4
VARIABLE			2.4	1.2				3.6	6.0
CALM	////////////////////////////////////							7.4	////
TOTALS	9.9	14.7	37.9	26.2	4.4	.4		100.5	9.2

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 01593? STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 75-87  
MONTH: APR HOURS(EST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.4	2.2	8.8	3.6	.4						16.7	9.0
NNE	.7	1.6	3.6	4.2	.2						10.2	10.1
NE		.4	2.0	1.1	.3						3.9	10.5
ENE	.1	.2	2.2	1.6	.1						4.2	10.5
E	.2	.6	.7	1.6	.1						2.6	10.0
ESE	.7	1.0	2.4	1.1		.1					5.3	8.3
SE	.1	.7	2.6	1.1							4.4	8.8
SSE	.4	1.0	2.4	1.2							5.1	8.1
S		1.0	1.3	.9	.4						3.7	10.4
SSW	.6	1.0	1.8	1.2	.4	.1					5.1	8.1
SW	.4	.9	2.2	1.7	.2						5.4	8.9
WSW	.6	1.6	2.1	1.8	.2	.6					6.9	8.9
W	.6	1.4	3.0	2.6	.1						7.7	8.3
WNW	.6	1.3	1.1	.9	.1	.1					4.1	7.9
NW	.4	1.0	1.3	.4							3.2	7.0
NNW	.7	1.8	3.1	.4	.2	.1					6.4	8.0
VARIABLE	.1		1.0	1.0							2.1	10.6
CALM	////////////////////										2.3	////
TOTALS	7.7	17.7	41.7	26.6	3.1	1.0					103.0	9.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035833 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 72-87  
MONTH: APR HOURSELEST: 1400-2000

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL	MEAN WIND
N	2.0	3.6	6.1	2.0	.4	.1						14.2	6.8
NNE	1.3	2.8	4.3	1.8	.2							10.4	7.7
NE	1.0	1.4	1.8	1.0	.1							5.3	7.5
ENE	1.2	2.1	1.6	.6								5.4	6.3
E	1.8	3.0	2.3	.9								8.0	6.3
ESE	1.6	1.6	1.8	.3								5.2	6.4
SE	1.2	2.3	1.2	.4								5.2	6.7
SSE	1.1	1.8	1.6	.4								4.9	6.1
S	.9	1.8	1.1	1.0	.1	.1						5.0	7.6
SSW	.7	1.6	1.6	.6	.2	.1						4.7	7.8
SW	.3	1.1	2.0	.3								3.8	7.1
WSW	.7	1.0	2.0	.4	.1							4.2	7.6
W	1.3	1.7	2.0	.3		.2	.1					5.3	7.4
WNW	.9	.7	1.1	.8	.1							3.6	7.5
NW	.7	.4	1.1	.2								2.4	6.5
NNW	.9	.9	.6	.3	.1							3.7	6.5
VARIABLE			.3									.7	7.0
CALM	////////////////////											4.9	////
TOTALS	17.6	27.3	32.7	11.4	1.4	.6	.1					100.0	6.4

TOTAL NUMBER OF OBSERVATIONS: 900



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 015831 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 72-87  
MONTH: APR HOURS (LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS							TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33		
N	1.9	2.7	2.7	1.3	.3	.1		4.9	7.0
NNE	1.4	3.7	3.2	.6	.1	.1		5.1	6.6
NE	1.9	1.4	.9	.6				4.7	5.4
ENE	1.7	1.1	1.2	.2				4.2	5.2
E	1.1	1.3	1.9	.9				5.4	6.5
ESE	1.1	2.8	.6	.2				4.7	5.0
SE	2.1	2.3	1.6					6.0	6.7
SSE	1.8	3.3	.7	.6	.1			6.5	7.0
S	1.6	2.9	1.4	.7				6.6	6.7
SSW	.7	.8	1.2	1.3	.1	.1		4.2	6.0
SW	.8	2.2	1.6	.9		.1		5.7	7.4
WSW	.8	1.2	.7	.1				2.8	5.0
W	2.1	2.8	2.1	.3			.1	7.4	6.9
WNW	1.2	.5	.9					2.6	6.0
NW	1.1	.4	.4	.4				2.7	5.3
NNW	1.4	1.0	.4	.2				3.1	4.6
VARIABLE				.2	.1			1.3	17.3
CALM	////////////////////////////////////							14.4	////
TOTALS	23.2	30.8	21.4	8.6	.7	.7	.2	100.0	5.3

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAG  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035833 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 78-87  
MONTH: APR HOURS(EST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.4	2.6	4.5	2.2	.3	.0					11.1	8.1
NNE	.9	1.9	2.8	2.1	.3	.0					8.1	8.7
NE	.9	.9	1.5	.8	.2						4.3	7.7
ENE	.6	.9	1.0	.5	.1						3.1	7.5
E	.6	1.3	1.4	1.0	.1						4.4	7.8
ESE	1.1	1.9	1.7	.5	.1	.0					5.3	6.5
SE	1.1	1.6	1.5	.7	.1						5.0	6.7
SSE	1.4	1.7	1.3	.5	.0						4.9	6.0
S	1.0	2.1	1.6	.8	.1	.0					5.7	7.1
SSW	.7	1.0	1.8	1.1	.3	.1					4.9	8.8
SW	.9	1.6	1.6	1.2	.1	.0					5.7	7.6
WSW	.8	1.3	1.5	1.0	.2	.1					4.9	8.1
W	1.2	1.7	2.5	1.2	.3	.1	.0				6.9	8.1
WNW	1.0	1.1	1.3	.6	.1	.0					4.2	6.5
NW	1.2	1.1	1.5	.8	.0						4.6	6.5
NNW	.8	1.5	1.5	.8	.1	.1					4.9	7.5
VARIABLE	.0	.0	.0	.0	.0	.0					1.0	10.4
CALM	////////////////////////////////////										11.6	////
TOTALS	16.0	24.1	24.5	16.2	7.2	.4	.0				100.0	6.7

TOTAL NUMBER OF OBSERVATIONS: 7199

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035833 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 79-87  
MONTH: MAY HOURS(IST): 0000-0400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	3.7	3.8	2.1	.2								9.8	4.8
NNE	1.5	1.1	1.3	.3								4.3	5.3
NE	1.4	1.0	.5	.4								3.4	5.2
ENE	1.0	1.2	.6	.4								3.4	5.7
E	1.0	2.0	1.6	.3								4.9	5.7
ESE	.5	2.5	.8	.1								3.9	5.5
SE	1.4	1.2	.9	.3								3.8	4.8
SSE	2.2	2.0	1.9	.3								6.3	5.3
S	1.7	3.2	3.0	.8								8.6	6.3
SSW	1.0	2.0	2.0	1.2								6.1	7.1
SW	.8	2.6	2.3	.3		.1						6.1	6.7
WSW	.4	1.0	.8	.3								2.5	6.4
W	1.3	1.9	1.2	.2	.1							4.7	5.8
WNW	1.0	1.0	.7	.1								2.7	5.4
NW	.9	2.0	1.3	.3								4.5	5.8
NNW	1.0	1.1	1.2	.2								3.5	5.8
VARIABLE													
CALM	////////////////////											21.3	////
TOTALS	20.9	29.4	22.2	6.0	.1	.1						100.0	4.5

TOTAL NUMBER OF OBSERVATIONS: 915

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035833 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 7A-R7  
MONTH: MAY HOURS(LST): 0000-0000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	3.4	3.7	1.7	.4							9.3	5.0
NNE	1.7	1.7	1.6	.5							5.7	5.5
NE	1.1	1.1	.5	.5							3.3	6.0
ENE	.3	.3	1.2	.1							2.0	7.2
E	1.0	2.0	1.5	.2							4.7	5.7
ESE	.7	2.0	1.2	.1							3.9	5.7
SE	1.0	1.2	.3	.1							2.6	4.0
SSE	2.0	1.4	2.5								5.9	5.6
S	1.3	2.5	3.5	.8							8.1	5.6
SSW	.8	1.9	2.8	.7							6.1	7.2
SW	1.2	1.9	2.0	.5	.1						6.7	6.4
WSW	1.1	.8	.9	.7							3.4	6.2
W	1.0	1.5	1.1	.2							3.8	5.4
WNW	1.2	1.7	.5								3.5	4.4
NW	.7	1.9	1.3	.3							4.2	6.0
NNW	.9	1.5	1.7	.5							4.7	6.7
VARIABLE												
CALM	////////////////////										23.2	////
TOTALS	19.2	27.1	24.6	5.8	.1						100.0	4.5

TOTAL NUMBER OF OBSERVATIONS: 915

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035833 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 78-87  
MONTH: MAY HOURS(IST): 0000-0000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	PEAK WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56		
N	1.5	4.4	3.5	.9	.1							10.4	6.4
NNE	1.2	2.5	2.4	.8								6.9	6.0
NE	.5	1.0	1.9	.6	.2							4.4	6.0
ENE	.4	1.2	.9	.1								2.6	6.2
E	.8	1.8	2.1	.8								5.4	7.0
ESE	.9	1.9	2.9	.2								5.9	6.2
SE	1.1	1.0	.4	.7								2.9	5.1
SSE	.5	.9	2.1	.3								3.6	7.1
S	1.2	1.2	3.3	2.9	.1							8.7	8.6
SSW	1.1	.9	2.1	2.1								6.1	8.4
SW	1.4	1.3	3.0	2.3	.2							6.2	6.7
WSW	.7	1.1	1.5	.9	.2							4.4	6.1
W	1.2	1.1	1.0	.2								3.5	5.7
WNW	1.3	1.0	1.4	.7								4.4	6.5
NW	1.1	2.4	1.1	.9								5.5	6.9
NNW	.7	2.2	2.2	1.0								6.0	7.2
VARIABLE			.1	.3								.4	11.5
CALM	////////////////////////////////////											10.1	////
TOTALS	16.0	25.8	31.8	15.4	.9							100.0	6.4

TOTAL NUMBER OF OBSERVATIONS: 911

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035933 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 78-87  
MONTH: MAY HOURS(LST): 0900-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.3	2.4	5.0	2.1	.3	.2					11.4	8.5
NNE	.7	1.4	2.1	1.4	.3						5.9	8.5
NE	.4	1.6	1.8	2.4	.4						6.7	9.4
ENE	.7	1.0	1.0	.7							3.3	7.2
E	.3	.7	1.9	2.0							4.8	9.5
ESE	.3	.8	1.6	1.1							3.8	8.7
SE	.5	.8	1.2	.5	.1						3.2	7.5
SSE	1.0	1.4	2.0	1.3	.1						5.8	7.8
S	1.4	1.2	2.3	2.9	.7						8.4	9.7
SSW	.3	1.9	1.9	3.2	.4						7.7	10.1
SW	.5	1.1	1.5	2.5	.3						6.7	9.4
WSW	.9	1.0	1.8	1.4	.4						5.5	9.3
W	1.1	.7	1.3	1.1	.1						4.3	7.6
WNW	.9	1.1	1.4	.5							3.9	7.0
NW	.7	1.5	2.1	.9	.1						5.3	7.7
NNW	.7	1.5	3.6	1.3	.1						7.5	8.6
VARIABLE	.1	.2	1.2	.9							2.4	5.4
CALM	////////////////////////////////////										4.1	////
TOTALS	11.8	20.3	33.7	26.2	3.7	.2					100.0	8.4

TOTAL NUMBER OF OBSERVATIONS: 912

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035833 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 78-87  
MONTH: MAY HOURS(UTC): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.2	2.0	4.6	2.6	1.0						10.5	10.3
NNE	.3	1.7	1.8	2.6	.1						6.5	9.4
NE	.6	1.0	1.2	1.7	.4						4.8	9.8
ENE	.1	.9	.8	1.2	.1						3.1	9.5
E	.5	1.2	1.3	2.1	.6						6.1	9.7
ESE	.2	.9	2.2	1.8							5.2	9.1
SE	.4	1.3	1.5	1.2	.1						4.5	8.7
SSE	.6	1.1	1.2	.6							3.4	7.2
S	.7	2.0	2.8	3.6	.9	.2					10.1	10.6
SSW	.9	1.0	2.3	2.9	.1	.2					6.9	10.3
SW	.8	.6	2.0	2.8	.4						6.5	10.2
WSW	.6	.9	2.2	1.2	.2						5.1	8.9
W	.9	2.0	2.0	1.2	.2						6.3	8.0
WNW	1.0	1.1	1.3	.1	.1						3.5	6.4
NW	.6	.9	1.9	.8	.1						4.2	8.0
NNW	.4	.9	2.5	1.3	.1	.1					5.4	9.1
VARIABLE	.3	2.3	1.4	.2							4.3	10.3
CALM	////////////////////										2.4	////
TOTALS	8.7	19.6	34.9	29.1	4.7	.6					100.0	9.1

TOTAL NUMBER OF OBSERVATIONS: 908

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035833 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 78-87  
MONTH: MAY HOURS(EST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.0	2.2	5.4	4.8	.2						13.6	9.5
NNE	.9	1.3	1.4	2.0	.1						5.7	8.9
NE	.1	1.3	1.1	2.2	.5						5.3	10.9
ENE	.4	.9	1.6	1.0	.2						4.2	8.8
E	.7	1.1	2.0	1.9	.5						6.1	9.6
ESE	.3	1.9	2.4	1.6							5.2	8.5
SE	.4	1.3	2.0	.9							4.6	7.7
SSE		1.3	1.6	.8							3.7	8.1
S	.7	1.6	2.9	2.5	.4	.1					4.2	9.8
SSW	.3	.9	3.8	2.4	.2	.2					7.9	10.1
SW	.4	.9	2.0	2.3	.5						6.3	10.5
WSW	1.0	1.2	1.5	2.1		.1					5.9	9.0
W	.7	1.2	2.2	1.2	.2						5.5	8.5
WNW	.9	.4	1.3		.2						2.9	6.7
NW	.4	1.3	1.2	.3	.1						3.4	7.3
NNW	.7	2.0	2.7	.5							5.9	6.9
VARIABLE		.1	1.8	.9	.1						2.9	10.2
CALM	////////////////////										2.0	////
TOTALS	8.9	20.9	37.0	27.4	3.5	.4					100.0	8.9

TOTAL NUMBER OF OBSERVATIONS: 912

1



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 025933 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 79-87  
MONTH: MAY HOURS(LEST): 1900-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	PLAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	2.1	3.4	4.9	2.0	.1						12.5	7.2
NNE	1.0	2.1	2.9	1.8							7.7	7.8
NE	.8	2.2	1.8	1.6							6.4	7.5
NNE	1.3	1.9	1.8	1.0							5.9	6.7
E	1.0	3.0	3.4	1.3							9.7	7.2
ESE	1.5	2.1	2.2	.3							6.1	6.0
SE	.5	2.2	1.9	.4							5.0	6.4
SSE	.4	3.2	1.5								5.2	5.7
S	1.2	2.5	4.2	1.5							9.4	7.5
SSW	.2	2.3	2.6	.9	.3						6.4	8.2
SW	1.1	.9	.4	1.9	.4						4.7	9.0
WSW	.7	.8	1.8	.9							3.9	7.6
W	1.0	.8	.9	.4							3.1	6.3
WNW	.2	.4	.9	.2	.1						1.9	7.9
NW	.7	1.2	.3								2.2	4.4
NNW	.7	1.5	1.3	.3							3.9	6.4
VARIABLE			.2	.3							.5	12.0
CALM	////////////////////										6.6	////
TOTALS	14.4	30.4	32.9	14.8	1.0						100.0	6.7

TOTAL NUMBER OF OBSERVATIONS: 912

1

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 015833 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 79-87  
MONTH: MAY HOURS/15: 1107-2110

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN KNOTS
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	3.2	3.9	2.5	.1							7.8	4.9
NNE	1.8	3.1	1.6	.5							7.0	5.6
NE	1.8	1.0	.5	.3							3.6	4.5
ENE	1.8	1.9	.7	.4							4.7	5.3
E	2.0	2.9	2.1	.1							7.0	5.2
ESE	1.5	3.5	1.1	.1							6.2	4.8
SE	1.6	2.7	.9	.2							5.5	4.8
SSE	2.5	3.5	1.4								7.5	4.7
S	1.2	3.3	2.5	.9							7.9	5.4
SSW	.1	2.0	3.0	1.2	.1	.1					6.5	4.5
SW	.4	1.6	1.1	.4	.1						2.7	7.1
WSW	.4	1.0	1.0								2.4	5.9
W	1.0	.7	1.0								2.6	5.7
WNW	.4	.8	.3								1.5	5.1
NW	.8	1.0	.5	.2							2.7	5.8
NNW	1.7	2.6	.7	.1							4.7	5.2
VARIABLE												
CALM	////////////////////										15.6	////
TOTALS	21.8	35.4	21.2	4.7	.2	.1					100.0	4.5

TOTAL NUMBER OF OBSERVATIONS: 910

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035433 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 74-87  
MONTH: MAY HOURS(UST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN SPEED
	0-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	2.1	3.2	3.7	1.6	.2	.0					10.9	7.2
NNE	1.1	1.9	1.9	1.2	.1						5.2	7.2
NE	.8	1.3	1.2	1.2	.2						4.7	8.0
ENE	.8	1.2	1.1	.6	.0						3.6	7.0
E	.9	1.8	2.0	1.1	.1						6.9	7.4
ESE	.8	1.9	1.6	.7							5.0	8.8
SE	.9	1.5	1.1	.5	.0						4.0	8.1
SSE	1.2	1.9	1.8	.4	.0						5.3	8.0
S	1.2	2.2	3.0	2.0	.3	.3					10.7	7.2
SSW	.5	1.6	2.6	1.8	.2	.1					7.7	8.8
SW	.8	1.3	1.8	1.6	.3	.0					6.8	8.0
WSW	.7	1.0	1.4	.9	.1	.0					4.1	8.7
W	1.0	1.2	1.3	.6	.1						4.2	8.8
WNW	.9	.9	1.0	.2	.1						3.1	8.0
NW	.7	1.5	1.2	.5	.0						4.9	8.8
NNW	.9	1.7	2.1	.7	.1	.0					6.8	7.2
VARIABLE	.5	.1	.7	.5	.0						1.8	10.2
CALM	////////////////////										17.8	////
TOTALS	15.2	26.1	29.9	16.2	1.9	.2					107.3	8.8

TOTAL NUMBER OF OBSERVATIONS: 7297

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 015833 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 75-87  
MONTH: JUN HOURS/SET: 0000-0100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.2	1.4	1.3	.2							4.2	1.7
NNE	1.2	.8	.5								2.5	4.0
NE	1.0	1.7	.8								3.5	4.8
ENE	1.0	2.0	1.2								4.2	5.7
E	1.0	1.8	1.1	.5							4.4	6.1
ESE	1.5	1.3	.7								3.5	5.7
SE	3.0	1.7	.2								4.9	3.4
SSE	1.9	1.5	.2	.4							4.0	4.5
S	2.6	2.1	1.8	.2							6.7	5.1
SSW	2.0	2.6	3.3	1.5	.2						11.6	7.0
SW	1.7	3.9	5.6	.7	.4						11.3	6.9
WSW	1.5	2.5	2.6	.2							6.8	5.9
W	1.6	1.8	1.6	.6							6.2	5.7
WNW	1.1	.6	1.7								3.4	5.0
NW	1.0	1.2	.7								2.9	4.7
NNW	.7	1.7	.4								2.7	4.5
VARIABLE												
CALM	////////////////////										1.2	////
TOTALS	4.3	24.7	23.2	4.4	.6						100.0	4.5

TOTAL NUMBER OF OBSERVATIONS: 840

GLOHAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 075437 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 78-87  
MONTH: JUN HOURS (EST): 0700-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-66	
N	1.8	1.0	1.2	.1							4.0	5.7
NNE	1.3	1.2	.5								3.0	4.1
NE	1.3	1.8	.6								3.7	4.5
ENE	1.5	1.5	1.0	.1							4.1	4.7
E	.6	1.7	1.2	.2							3.7	4.3
ESE	.8	1.1	.2								2.1	4.1
SE	1.3	.6	.5								2.4	4.4
SSE	1.8	1.8	.6								4.2	4.2
S	2.5	1.9	2.0	.4							7.7	5.2
SSW	2.7	2.4	3.9	1.1							10.0	6.7
SW	3.6	3.4	5.0	1.0	.4						17.7	6.4
WSW	1.3	1.8	2.6	.4							6.0	6.6
W	1.8	2.7	2.7	.4							7.6	6.6
WNW	1.8	1.1	.5	.1							3.4	4.1
NW	1.8	1.2	1.1								4.0	4.8
NNW	1.0	1.4	.1	.1							2.6	4.5
VARIABLE												
CALM	////////////////////										20.0	////
TOTALS	26.1	25.4	23.7	3.9	.4						100.0	4.4

TOTAL NUMBER OF OBSERVATIONS: 541

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 015933 STATION NAME: RAF LAKEHURST UNITED KINGDOM

PERIOD OF RECORD: 78-97  
MONTH: JUN HOURS (LST): 0000-2400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	2.1	1.4	1.9	.5							5.9	5.6
NNE	.4	1.7	.6	.4							3.0	5.9
NE	1.1	.6	1.2	.5							3.3	6.2
ENE	.5	.5	1.2	.2							2.4	6.3
E	1.1	1.7	2.7	.6							6.1	6.7
ESE	.7	.6	.8	.1							2.2	5.6
SE	.4	.5	.2	.1							1.2	5.4
SSE	1.5	.8	.5								2.8	4.0
S	1.3	2.6	1.4	1.5							6.8	6.9
SSW	2.0	1.1	2.4	2.2							7.7	7.7
SW	.9	3.6	4.7	3.3	.2						12.4	8.4
WSW	1.2	2.7	3.6	1.8	.2						9.4	7.7
W	1.9	2.2	4.6	1.4	.1						10.2	7.2
WNW	1.4	2.1	2.2	1.1							6.8	6.7
NW	.6	2.1	2.2	.2							5.2	6.3
NNW	.8	1.9	.7	.2							3.7	5.3
VARIABLE			.2	.1							.4	10.3
CALM	////////////////////////////////////										9.6	////
TOTALS	18.0	26.0	31.5	14.3	.6						100.7	6.2

TOTAL NUMBER OF OBSERVATIONS: 845

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 015433 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 78-87  
MONTH: JUN HOURS(EST): 2400-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL	PLAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-56		
N	1.9	1.1	2.6	1.5							7.1	7.4
NNE	.4	1.1	.8	.1	.1						2.6	6.6
NE	.6	.6	1.2	.7							3.1	7.8
ENE	.4	.7	.4	.9							2.4	6.9
E	1.5	1.3	1.9	.6							5.3	6.0
ESE	.4	.4	.9	.6							2.2	8.1
SE	.9	.7	.6	.1							2.2	5.3
SSE	.6	.5	.4								1.4	5.2
S	.7	1.1	1.1	2.0							4.8	9.0
SSW	.7	1.4	3.3	1.9							7.3	8.6
SW	.6	2.7	3.9	3.4	.7						11.7	9.4
WSW	.5	1.9	3.4	3.5	.6						9.9	9.5
W	1.4	3.5	5.0	3.8	.2						13.9	8.1
WNW	1.3	2.2	2.7	1.1							7.3	6.9
NW	.5	2.1	2.7	.9							6.2	7.7
NNW	.9	2.2	1.3	.5							5.0	6.0
VARIABLE		.1	4.0	.8	.1						5.1	8.9
CALM	////////////////////										2.4	////
TOTALS	13.6	23.6	36.1	22.6	1.8						100.0	7.8

TOTAL NUMBER OF OBSERVATIONS: 847

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 025833 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 78-87  
MONTH: JUN HOURS(LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND SPEED
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.1	2.0	2.1	1.8							7.0	7.7
NNE	.5	.9	1.7	.6							3.7	7.6
NL	.9	.7	.7	.7	.2						3.3	7.6
ENE	.1	.7	1.1	.7							2.6	8.6
E	.4	.7	1.7	.6	.1						3.4	8.0
ESE	.6	.4	1.5	.4							3.3	7.1
SE	.6	.4	.6	.4							1.9	6.8
SSE	.4	.8	.5	.2							1.9	6.1
S	.6	2.0	2.9	.9	.1						6.6	8.0
SSW	.6	.8	1.4	2.1	1.4						6.2	11.8
SW	.4	1.7	3.7	4.6	.8						11.1	10.6
WSW	.7	1.2	4.2	3.4	.4						9.9	9.8
W	1.2	3.1	4.2	3.8	.4						12.6	8.7
WNW	1.1	2.0	2.1	1.4							6.6	7.2
NW	.7	1.8	2.6	.8							5.9	7.1
NNW	1.2	2.2	2.0	.7							6.1	6.5
VARIABLE	.1	.5	4.7	1.4	.2						7.0	9.4
CALM	////////////////////										.8	////
TOTALS	11.1	22.3	37.6	24.5	3.7						100.0	8.5

TOTAL NUMBER OF OBSERVATIONS: 848



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035831 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 78-87  
MONTH: JUN HOURS(IST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	2.1	3.2	3.0	1.5	.1						9.9	6.7
NNE	.7	1.2	1.9	.7	.2						4.7	8.0
NE	.5	.6	1.4	.6	.1						3.2	8.3
ENE	.5	.7	1.3	.9							3.4	7.9
E	.9	1.4	2.1	1.7							6.1	7.9
ESE	.2	1.5	1.1								2.8	6.5
SE	.8	1.8	.9	.4							3.9	6.9
SSE	.2	1.2	1.3	.2							3.0	7.3
S	.6	1.3	2.4	1.7	.5						6.4	9.3
SSW	.5	.6	1.9	2.7	.5	.1					6.3	10.9
SW	.2	1.8	3.4	2.7	.2						9.4	9.5
WSW	.1	1.7	3.2	3.0	.5						6.4	10.2
W	1.1	2.2	4.1	4.4	.2						12.1	9.3
WNW	1.3	1.3	1.7	.9							5.2	6.8
NW	1.4	2.1	1.7	.1							5.3	5.6
NNW	.6	1.7	1.5	.4							4.1	6.8
VARIABLE			3.1	.6	.2						3.9	9.9
CALM	////////////////////										2.8	////
TOTALS	11.8	24.2	35.9	22.5	2.6	.1					100.0	8.1

TOTAL NUMBER OF OBSERVATIONS: 846

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GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035833 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 78-87  
MONTH: JUN HOURS (EST): 1400-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-66		
N	3.7	1.5	2.6	.8								8.7	5.5
NNE	2.1	1.9	3.1	.6								7.7	6.2
NE	1.1	1.4	1.1	.5								4.1	6.2
ENE	1.4	1.5	2.0	.2								5.2	5.8
E	.8	1.8	2.0	1.0								5.6	7.0
ESE	1.7	2.3	1.5									5.5	5.0
SE	1.7	2.4	1.2	.1								5.4	5.1
SSE	1.4	1.1	.7									3.2	4.6
S	.7	2.0	1.8	.5	.2	.1						5.4	7.4
SSW	.6	1.5	3.5	2.6	.2							6.5	9.3
SW	1.4	1.9	3.8	1.4								4.4	7.3
WSW	1.0	1.7	3.0	1.1	.1							6.8	8.0
W	1.1	2.1	4.1	1.0								8.5	7.0
WNW	1.2	.7	1.9	.8								4.6	7.2
NW	1.2	.7	.8									2.7	4.5
NNW	1.2	.2	1.1	.2								2.7	6.0
VARIABLE			.4	.1								.5	10.0
CALM	////////////////////											6.3	////
TOTALS	22.5	24.9	34.6	11.0	.6	.1						120.0	6.2

TOTAL NUMBER OF OBSERVATIONS: 439

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035833 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 78-87  
MONTH: JUN HOURS (LST): 2100-2100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.6	1.3	1.3	.4							4.5	5.8
NNE	1.1	.8	.6	.1							2.6	4.5
NE	1.9	1.8	1.0								4.7	4.4
ENE	1.2	1.7	1.3	.1							4.3	5.3
E	1.7	2.5	2.2	.1							6.5	5.4
ESE	1.7	2.2	.6								4.4	4.2
SE	2.9	1.8	.5								5.1	3.4
SSE	1.9	1.9	1.0	.2							5.0	5.0
S	1.3	3.1	1.4	.2	.1						6.2	5.5
SSW	1.0	2.3	3.2	1.7	.5						8.6	4.3
SW	1.6	3.7	4.7	.8							17.8	6.6
WSW	1.4	2.0	2.5	.2							6.2	5.8
W	1.3	3.1	2.4	.1							6.9	5.7
WNW	1.6	1.7	.7								3.9	4.4
NW	1.2	.5	.4								2.0	3.6
NNW	.8	.8	.5	.1							2.3	5.3
VARIABLE				.1							.1	14.0
CALM	////////////////////////////////////										15.8	////
TOTALS	24.0	31.2	24.1	4.3	.6						100.0	4.7

TOTAL NUMBER OF OBSERVATIONS: 837

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035833 STATION NAME: RAF LAKELNFEATH UNITED KINGDOM

PERIOD OF RECORD: 74-87  
MONTH: JUN HOURS(151): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	2.0	1.6	2.0	.9	.0							6.5	6.3
NNE	.9	1.2	1.2	.3	.0							3.7	6.2
NE	1.0	1.1	1.0	.4	.0							3.6	6.1
ENE	.9	1.2	1.2	.4								3.6	6.2
E	1.0	1.6	1.9	.7	.0							5.1	6.7
ESE	.9	1.3	.9	.1								3.3	5.4
SE	1.4	1.2	.6	.1								3.4	4.6
SSE	1.2	1.2	.6	.1								3.2	5.0
S	1.3	2.0	1.9	.9	.1	.0						6.3	6.9
SSW	1.2	1.6	2.9	2.0	.4	.0						8.0	8.6
SW	1.3	2.8	4.3	2.3	.3							11.1	8.1
WSW	1.0	1.9	3.2	1.7	.2							8.3	6.2
W	1.5	2.6	3.6	1.9	.1							9.7	7.6
WNW	1.4	1.5	1.6	.7								5.2	6.3
NW	1.0	1.5	1.5	.3								4.3	6.0
NNW	.9	1.5	.9	.3								3.7	5.8
VARIABLE	.0	.1	1.6	.4	.1							2.1	9.4
CALM	////////////////////											9.5	////
TOTALS	18.9	25.8	30.9	13.5	1.3	.7						100.0	6.3

TOTAL NUMBER OF OBSERVATIONS: 6743

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035933 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 78-82, 84-87  
MONTH: JUL HOURS: 12571: 0000-0000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.2	1.5	.6									3.3	4.7
NNL	1.1	1.3	.2									2.6	4.2
NL	1.1	.1	.7									1.9	4.5
ENE	1.3		.5	.2								2.1	4.5
E	1.0	1.3	.5	.1								2.9	4.7
ESE	1.1	1.7	.6									3.4	4.5
SE	1.9	1.9	.1									4.0	5.1
SSE	1.7	2.6	.5									4.7	4.11
S	2.3	1.9	2.1	.2								6.6	5.3
SSW	2.1	2.7	3.3	1.1								9.1	5.4
SW	2.4	3.0	4.7	.2								10.4	5.0
WSW	1.5	3.5	1.7	.5								7.2	5.8
W	2.7	4.0	2.1									8.7	4.9
WNW	1.2	1.7	1.2	.4								4.5	5.8
NW	.9	.7	1.0	.2								2.8	5.8
NNW	1.1	.4	.2	.1								1.8	4.5
VARIABLE				.1								.1	14.0
CALM	////////////////////////////////////											23.7	////
TOTALS	24.5	28.4	20.0	3.3								100.0	4.0

TOTAL NUMBER OF OBSERVATIONS: 923

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 015831 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 79-02-04-87  
MONTH: JUL HOURS (EST): 0100-0100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.0	1.5	.6								3.0	4.7
NNE	.6	1.0	.5								2.1	4.9
NE	1.6	.4	.8	.4							3.2	5.6
ENE	1.1	.2	.1	.2							1.7	4.1
E	.6	.7	.1	.1							1.6	4.9
ESE	.7	1.1	.6								2.4	5.2
SE	1.0	1.9	.2	.1							3.1	4.4
SSE	2.9	1.5	.6								5.0	3.5
S	3.3	1.8	2.4	.4							7.9	5.3
SSW	3.0	2.1	3.9	.5							9.5	5.7
SW	3.5	4.0	3.3	1.0							11.8	5.6
WSW	2.5	2.5	1.5	.1							6.7	4.8
W	2.8	3.6	1.8	.4							8.6	5.0
WNW	.8	1.2	1.7	.1							3.9	6.2
NW	.8	.5	.7	.4							2.4	6.7
NNW	.7	.4	.7	.4	.1						2.3	7.2
VARIABLE												
CALM	////////////////////										24.8	////
TOTALS	27.0	24.4	19.6	4.0	.1						100.0	4.0

TOTAL NUMBER OF OBSERVATIONS: 925

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035833 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 78-87  
MONTH: JUL HOURS/DATE: 1700-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-60	
N	1.2	1.4	1.3	.2							4.2	5.7
NNE	.8	.8	1.2								2.9	5.8
NE	.7	1.0	1.6	.6							3.9	7.0
ENE	.4	.6	.2	.1							1.3	4.2
E	.5	1.0	.4								1.9	4.7
ESE	1.3	1.0	.6	.1							3.0	4.8
SE	1.1	.4	.5								1.9	3.9
SSE	.8	1.0	1.0								2.8	5.1
S	2.1	2.9	3.1	.4							8.5	5.8
SSW	.7	2.3	4.3	1.4							8.8	7.8
SW	2.3	1.9	4.3	1.9							10.5	7.1
WSW	1.8	2.5	3.1	1.0							8.5	6.5
W	2.4	3.7	4.5	.5							11.1	6.1
WNW	2.5	3.1	3.4	1.1							10.1	6.3
NW	1.4	1.7	2.4	.6							6.2	6.4
NNW	1.2	1.2	.5	.6	.2						3.7	6.3
VARIABLE			.8	.2							1.1	8.8
CALM	////////////////////////////////////										9.7	////
TOTALS	21.4	26.6	33.3	9.8	.2						133.0	6.7

TOTAL NUMBER OF OBSERVATIONS: 828

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 015831 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 78-87  
MONTH: JUL HOURS(EST): 0900-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.0	1.3	2.6	.5							5.4	7.0
NNE	.7	1.2	2.3	.7							4.9	7.3
NE	.2	.6	.7	.7							2.2	6.4
ENE	.4	.5	.6	.1							1.6	6.3
E	1.1	.5	1.0								2.6	6.6
ESE	1.0	1.0	.5	.4							2.9	6.7
SE	.5	.5	.8	.2							2.0	6.4
SSE	.6	.6	.4	.4							1.6	6.7
S	1.0	1.2	2.0	1.0							5.2	7.3
SSW	1.1	1.0	4.0	3.0							9.1	9.4
SW	.4	1.7	4.1	3.7							9.9	9.4
WSW	1.1	1.6	3.2	2.0							7.9	9.1
W	1.9	3.4	6.7	1.3							13.3	7.1
WNW	1.3	2.5	4.6	1.6	.1						10.1	7.6
NW	.6	2.8	4.1	.7							8.2	7.1
NNW	1.1	3.0	1.3	1.3							6.7	6.7
VARIABLE	.1	.4	3.4	.6							4.4	6.8
CALM	////////////////////										2.3	////
TOTALS	13.8	23.4	42.2	18.2	.1						103.0	7.6

TOTAL NUMBER OF OBSERVATIONS: 814



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035633 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 78-87  
MONTH: JUL HOURS(IST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.2	1.3	2.3	.6							5.4	1.5
NNE	.6	.4	1.7	1.1							3.7	2.5
NE	.5	.8	.8	1.0							3.1	4.0
ENE		.7	.7	.5							1.9	7.1
E	.1	1.8	.4	.5							2.7	6.0
ESE	.2	1.2	.6	.6							2.6	6.8
SE	.2	.6	.6	.2							1.7	7.4
SSE	.1	.7	.2								1.1	8.0
S	.5	1.8	1.6	1.4							5.2	8.0
SSW		.6	1.9	2.5	.1						5.1	10.9
SW	.5	1.0	3.8	4.4	.2	.1					10.0	10.7
WSW	1.1	1.7	3.3	2.5	.1						8.7	8.5
W	1.9	3.9	7.0	3.8	.1						16.7	8.1
WNW	1.2	2.9	3.9	1.4	.1						9.6	7.5
NW	1.0	3.1	2.9	.5							7.4	6.7
NNW	.8	2.4	1.8	1.6							6.7	7.7
VARIABLE		.1	4.9	.7							5.7	9.0
CALM	////////////////////										2.4	////
TOTALS	9.9	25.1	38.5	21.3	.7	.1					100.0	8.0

TOTAL NUMBER OF OBSERVATIONS: 837

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035833 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 78-87  
MONTH: JUL HOURS(EST): 1600-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND SPEED
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-59	
N	1.7	2.0	2.0	1.6							4.2	7.2
NNE	.5	1.0	2.3	.6							4.3	7.6
NE	.1	.4	1.2	.8							2.5	9.5
ENE	.1	.7	.7	.5							2.0	8.4
E	.4	.7	.7	.4							2.2	7.4
ESE	.1	1.2	.7	.5							2.5	7.4
SE	.7	1.3	.5	.1							2.6	6.1
SSE	.2	.6	1.1	.1							2.0	6.8
S	.7	1.1	2.9	1.0	.2						5.9	6.7
SSW	.1	1.3	1.8	2.8							6.0	10.0
SW	.5	1.7	2.4	2.4	.1						6.7	9.8
WSW	.7	1.3	3.7	1.9	.4						7.6	8.9
W	2.6	3.7	7.6	2.7							16.7	7.4
WNW	1.9	3.0	4.2	1.6							10.6	7.0
W	1.6	2.4	2.7	.4							7.7	6.8
NNW	1.2	1.6	1.7	1.2							5.7	7.4
VARIABLE			2.9	1.2							4.1	6.3
CALM	////////////////////										2.7	0.0
TOTALS	13.4	27.7	40.1	20.0	.7						100.0	7.7

TOTAL NUMBER OF OBSERVATIONS: 930

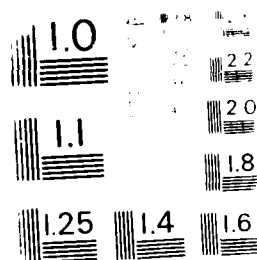
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RAF LAKENHEATH UNITED KINGDOM REVISED UNIFORM SUMMARY  
OF SURFACE WEATHER (U) AIR FORCE ENVIRONMENTAL  
TECHNICAL APPLICATIONS CENTER SCOTT A... FILE 88  
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GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035833 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 78-87  
MONTH: JUL HOURS(IST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.8	2.2	1.3	1.2							6.5	6.3
NNE	1.1	1.5	1.9	.5							5.0	6.4
NE	.6	1.6	1.5	.5							4.1	6.6
ENE	.5	1.2	1.2	.2							3.1	6.4
E	1.2	2.4	2.1	.2							5.9	6.1
ESE	1.2	2.2	.6								4.0	4.8
SE	1.3	1.6	1.1								4.0	4.8
SSE	1.2	1.2	1.2	.2							3.9	5.8
S	1.2	1.6	2.3	.8							5.9	6.9
SSW	.4	.5	2.2	1.8							4.8	5.6
SW	1.3	1.7	2.7	1.8	.1						7.6	8.0
WSW	2.2	2.9	1.6	.7							7.4	5.8
W	1.8	4.1	3.1	1.2							10.3	6.5
WNW	1.9	2.4	2.7	1.2							9.2	6.5
NW	2.1	1.7	1.7	.7							6.2	5.8
NNW	1.9	1.1	.5	.8							4.4	5.9
VARIABLE												
CALM	////////////////////										8.6	////
TOTALS	21.8	29.8	27.6	12.1	.1						109.0	6.9

TOTAL NUMBER OF OBSERVATIONS: 826

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: Q35833 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 78-82, 84-87  
MONTH: JUL HOURS (LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.8	1.5	1.0	.1							4.4	4.5
NNE	1.3	1.1	1.1	.1							3.6	5.1
NE	2.1	1.2	.5								3.8	4.3
ENE	1.1	.9	1.1	.4							3.4	5.7
E	1.9	1.5		.2							3.6	3.9
ESE	2.3	1.1	.9								4.3	4.0
SE	2.6	2.4	.6								5.6	4.0
SSE	2.7	2.7	1.0								6.3	4.3
S	1.3	2.1	3.0	.5							6.9	6.5
SSW	.9	2.3	2.7	1.1							6.9	7.3
SW	1.1	2.6	2.8	1.1							7.6	7.0
WSW	1.6	2.1	1.5	.1							5.2	5.0
W	2.2	3.4	1.9	.1							7.7	5.0
WNW	1.5	3.0	1.3	.4							6.2	5.5
NW	.5	1.2	.4	.7							2.8	6.7
NNW	1.1	.1	.1	.1							1.5	4.0
VARIABLE												
CALM	////////////////////										20.3	////
TOTALS	25.9	29.0	19.8	5.0							100.0	4.2

TOTAL NUMBER OF OBSERVATIONS: 823

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035833 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 78-87  
MONTH: JUL HOURS(1ST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.4	1.6	1.6	.5							5.1	6.1
NNL	.8	1.0	1.4	.4							3.7	6.5
NE	.9	.7	1.0	.5							3.1	6.6
ENE	.6	.6	.6	.3							2.1	6.1
E	.8	1.2	.6	.2							2.9	5.5
ESE	1.0	1.3	.6	.2							3.2	5.3
SE	1.2	1.3	.6	.1							3.1	4.7
SSE	1.3	1.3	.7	.1							3.4	4.8
S	1.5	1.8	2.4	.7	.0						6.5	6.5
SSW	1.0	1.6	3.0	1.8	.0						7.4	6.1
SW	1.5	2.1	3.6	2.1	.1	.0					9.3	7.8
WSW	1.6	2.3	2.4	1.1	.1						7.4	6.8
W	2.3	3.7	4.4	1.3	.0						11.7	6.6
WNW	1.5	2.5	2.9	1.0	.0						7.9	6.7
NW	1.1	1.8	2.0	.5							5.5	6.4
NNW	1.1	1.3	.9	.8	.0						4.1	6.7
VARIABLE	.0	.1	1.5	.4							1.9	9.1
CALM	////////////////////////////////////										11.7	////
TOTALS	19.7	26.3	30.2	11.9	.3	.0					100.0	5.9

TOTAL NUMBER OF OBSERVATIONS: 6626

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035833 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 78-82,84-87  
MONTH: AUG HOURS(IST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.4	.6	.1									2.2	3.1
NNE	.6	.4	.1	.1								1.2	4.7
NE	1.6	.1	.4									2.1	3.2
ENE	.6	.5	.5									1.6	4.7
E	1.8	1.3	.4									3.5	3.5
ESE	1.4	1.3	.1	.1								3.0	4.1
SE	2.1	1.1	.5	.1								3.7	4.1
SSE	3.0	1.8	1.0	.5								6.3	4.9
S	2.7	4.0	3.0	.8	.4							10.9	6.3
SSW	1.3	3.1	3.5	1.6								9.5	7.0
SW	1.8	3.6	5.0	1.1	.2							11.7	7.1
WSW	.7	2.8	1.6	.5	.2							5.8	6.7
W	2.2	2.9	2.1	.5								7.6	5.6
WNW	1.0	.8	.6	.4								2.8	5.8
NW	.6	.5	.4									1.4	4.6
NNW	1.7	.5	.6	.4								3.1	5.2
VARIABLE													
CALM	////////////////////											23.6	////
TOTALS	24.5	25.4	19.7	6.0	.8							100.0	4.4

TOTAL NUMBER OF OBSERVATIONS: 828



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035833 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 74-82,84-87  
MONTH: AUG HOURS(IST): 0000-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.1	1.3	.1								2.5	3.8
NNE	.5	.1									.6	2.4
NE	1.4	.4	.4								2.2	3.6
ENE	.7	.4	.1								1.2	3.3
E	.7	.7	.6								2.1	4.9
ESE	.7	.8	.7								2.3	5.1
SE	1.1	1.8	.8								3.7	4.8
SSE	2.2	2.7	.8	.4							6.0	4.9
S	3.1	3.5	3.3	1.3	.2						11.5	6.2
SSW	.7	3.6	3.7	1.6	.1						9.8	7.5
SW	3.3	2.7	3.7	.7							10.4	5.9
WSW	1.8	2.7	.6	.2	.1						5.4	5.0
W	2.7	3.5	1.8	.5							9.5	5.4
WNW	1.7	1.6	.5	.1							3.5	4.4
NW	1.1	.2	.2	.6							2.2	5.8
NNW	.6	.5	.1	.4							1.6	6.3
VARIABLE												
CALM	////////////////////										26.6	////
TOTALS	23.1	26.4	17.6	5.8	.5						100.0	4.1

TOTAL NUMBER OF OBSERVATIONS: 828

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GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 03593? STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 79-92, 84-87  
MONTH: AUG HOURS: 1511: 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.5	1.8	.6									2.9	5.0
NNE	.6	.5		.2								1.3	4.6
NE	.9	1.0	.1									1.9	3.4
ENE	1.1	.7	.4	.2								2.4	4.7
E	.7	1.3	.6									2.6	4.8
ESE	.4	1.0	.8	.2	.1							2.5	6.1
SE	.8	.6	1.3	.1								2.8	5.5
SSE	.7	1.3	1.9	.2	.4							4.5	7.6
S	2.7	2.9	2.9	1.3								10.8	7.4
SSW	.7	1.6	4.2	3.0	.2	.1						9.8	9.3
SW	2.4	2.7	4.0	2.2								11.3	7.2
WSW	2.9	2.4	2.5	1.4								11.2	6.7
W	3.5	3.3	3.5	.7								11.0	5.6
WNW	1.6	1.8	1.8	.2								5.4	5.8
NW	1.1	1.1	1.8	.4								4.3	6.4
NNW	1.1	1.1	.2	.4								2.8	5.3
VARIABLE			.2	.4								2.6	17.4
CALM	////////////////////////////////////											14.4	////
TOTALS	21.6	25.0	27.1	11.1	.7	.1						100.0	5.6

TOTAL NUMBER OF OBSERVATIONS: 924

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035833 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 78-97  
MONTH: AUG HOURS (LST): 0900-1200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	PLAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-66		
N	.6	2.1	1.3	.5								4.5	6.2
NNE	.4	.8	.7									1.9	5.9
NE	.5	1.1	.4	.1								2.1	5.2
ENE	.2	1.6	.6	.4								2.4	6.0
E	.2	1.3	.7	.2								2.4	6.2
ESE	.5	.6	1.4	.1								2.7	6.7
SE	.6	.8	.7	.4								2.7	6.2
SSE	.5	1.0	1.1	.7								3.3	7.7
S	.8	2.8	2.5	1.8								4.0	7.6
SSW	1.2	1.0	3.7	4.5	.4		.1					10.9	10.1
SW	1.7	1.2	4.1	3.4	.8	.4						11.6	9.6
WSW	1.0	1.9	2.2	1.8	.1							7.0	8.3
W	2.2	2.9	5.7	3.3	.1							14.1	9.0
WNW	1.0	2.8	5.2	1.3								10.3	7.4
NW	.2	3.0	2.1	1.0								4.3	7.7
NNW	.4	1.9	1.8	.7								4.8	7.4
VARIABLE			1.0	.4								1.4	4.5
CALM	////////////////////											5.6	////
TOTALS	11.9	26.8	35.2	20.5	1.4	.4	.1					100.0	7.7

TOTAL NUMBER OF OBSERVATIONS: 829

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035833 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 72-87  
MONTH: AUG HOURS(EST): 1700-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS								TOTAL	MEAN SPEED
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40		
N	.2	1.6	2.5	.5					4.8	7.3
NNE	.5	1.2	1.0	.4					2.9	6.4
NE	.6	.1	.6	.2					1.5	6.4
ENE	.4	.8	.5						1.7	5.3
E	.6	.6	1.3	.5					3.0	7.2
ESE	.2	.8	.5						1.5	5.5
SE	.7	.6	.6	.4					2.3	6.3
SSE	.4	.8	1.4	.6	.1				3.3	5.6
S	.5	1.2	2.6	2.4	.1				6.8	5.2
SSW	.6	.8	3.5	3.2	.6	.1	.1		8.9	2.2
SW	.7	2.2	3.6	4.0	1.3	.2			12.0	1.5
WSW	.6	1.3	3.7	2.4	.4				8.4	2.2
W	1.8	3.5	5.9	4.9	.1				16.2	5.5
WNW	1.4	2.4	2.8	2.0					8.6	2.2
NW	1.2	2.5	2.4	.5					6.6	6.4
NNW	.2	2.2	2.5	.7					5.6	5.5
VARIABLE		1.9	.7						2.6	6.5
CALM	////////////////////								2.5	////
TOTALS	10.7	22.7	37.4	23.5	2.6	.4	.1		100.0	4.5

TOTAL NUMBER OF OBSERVATIONS: 931

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035833 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 79-87  
MONTH: AUG HOURS(EST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-54	GE 56		
N	1.3	2.8	3.6	.1								7.9	6.3
NNE	.8	1.3	1.9	.4								4.5	6.5
NE	.4	.8	.7									1.9	4.1
ENE	.4	.5	.5	.4								1.7	7.0
E	.5	1.1	2.5	.4								4.6	7.4
ESE	.4	1.1	.7	.2								2.4	5.5
SE	.6	.6	1.1	.2								2.5	6.5
SSE	.1	.5	1.9	.5								3.0	4.1
S	.5	1.1	2.3	3.5	.5							7.9	10.7
SSW	.4	1.1	1.9	2.4	1.0							6.8	10.7
SW	.7	.8	3.6	4.5	1.3							11.0	11.1
WSW	.7	1.9	3.1	3.5								7.2	8.2
W	2.2	3.4	6.9	2.4	.2							15.1	7.6
WNW	1.3	2.8	2.9	1.2	.1							4.7	7.1
NW	1.1	2.3	1.2	.7								5.3	6.3
NNW	.7	1.5	1.0	.5								3.7	6.3
VARIABLE			1.0	.5								1.4	8.7
CALM	////////////////////											2.9	////
TOTALS	17.1	23.6	37.0	21.4	3.1							100.0	6.0

TOTAL NUMBER OF OBSERVATIONS: 828

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM FOURLY OBSERVATIONS

STATION NUMBER: 035833 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 78-82,84-87  
MONTH: AUG HOURS(151): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	2.5	3.2	1.5	.1								7.7	4.7
NNE	1.6	2.3	.7									4.6	4.6
NE	.5	1.7	.4	.1								2.7	5.2
ENE	1.3	.6	1.2									3.1	4.9
E	1.2	2.4	1.1	.2								5.0	5.4
ESE	.7	2.7	1.6	.1								5.1	6.7
SE	1.0	1.9	.9									3.8	4.9
SSE	.7	1.8	.7	.1								3.3	5.1
S	1.2	1.9	2.8	2.2	.1							8.2	7.2
SSW	.7	1.6	2.2	2.2	.4							7.1	6.6
SW	1.2	2.8	3.9	1.8		.2						10.0	7.9
WSW	.7	2.1	4.3	.9								7.9	7.5
W	1.9	3.6	3.8	.6								10.0	6.1
WNW	1.0	1.7	1.1	.2	.1							4.1	5.2
NW	1.5	.9	.1	.5								2.9	4.8
NNW	.7	1.1	.6	.1								2.5	5.2
VARIABLE			.2									.2	5.5
CALM	////////////////////											11.6	////
TOTALS	19.0	32.4	27.0	9.2	.6	.2						100.0	5.7

TOTAL NUMBER OF OBSERVATIONS: 842

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035033 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 78-92,84-87  
MONTH: AUG HOURS(LEST): 2100-2400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.2	.8	.6								2.6	4.2
NNE	.9	.8	.2								1.9	3.5
NE	2.4	1.0	.2								3.6	3.2
ENE	1.2	1.3	.5								3.0	4.3
E	1.0	1.3	.8	.4							3.5	5.4
ESE	1.9	2.1	.8								4.8	4.2
SE	3.0	2.6	1.1	.1							5.8	4.4
SSE	2.7	2.7	1.1	.4							6.9	4.6
S	1.7	1.8	2.2	1.2	.1						5.0	6.4
SSW	1.3	2.9	3.4	1.5							9.1	3.7
SW	1.5	3.4	5.1	1.6	.1						11.7	3.5
WSW	1.5	1.7	1.6	.4	.1						5.3	5.2
W	1.7	2.4	1.7	.7	.1						6.7	6.1
WW	.5	1.2	.7	.7							3.1	3.0
NW	.4	.9	.4								1.7	4.6
NNW	.7	.6		.1							1.4	4.1
VAR (ABLE)			.2								1.2	3.0
CALM	////////////////////										20.1	////
TOTALS	27.8	27.8	20.8	7.0	.5						107.0	4.6

TOTAL NUMBER OF OBSERVATIONS: 924

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 015833 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 74-87  
MONTH: AUG HOURS: 10,110

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55		
N	1.2	1.8	1.3	.2							4.5	1.4
NNE	.7	.9	.6	.1							1.3	1.4
NE	1.0	.8	.4	.1							.7	1.4
ENE	.7	.6	.5	.1							1.9	1.4
E	.8	1.3	1.0	.2							3.3	1.7
ESE	.8	1.3	.8	.1	.0						3.0	1.6
SE	1.2	1.3	.9	.2							3.6	1.6
SSE	1.2	1.6	1.3	.4	.1						4.6	1.6
S	1.6	2.4	2.7	1.8	.2						8.7	1.7
SSW	.9	2.0	3.3	2.5	.3	.7	.0				10.7	1.7
SW	1.7	2.4	4.1	2.4	.5	.1					11.3	1.7
WSW	1.2	2.1	2.4	1.4	.1						7.2	1.7
W	2.3	3.2	3.9	1.7	.1						13.2	1.7
WNW	1.1	1.9	1.9	.8	.0						5.6	1.7
NW	1.0	1.4	1.1	.5							4.0	1.7
NNW	.8	1.0	.9	.4							3.1	1.7
VARIABLE		.6	.2								.8	1.7
CALM	////////////////////////////////////										17.1	1.7
TOTALS	18.3	26.2	27.7	11.1	1.7	.1	.0				100.4	1.7

TOTAL NUMBER OF OBSERVATIONS: 6610



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035833 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 78-87  
MONTH: SEP HOURS (EST): 0000-0100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN KNOTS
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-63		
N	1.5	.3	.2									2.1	3.2
NNE	.8	.1	.2									1.1	3.3
NE	.6		.1									.7	3.7
ENE	.5	.1	.1	.1								.7	4.0
E	1.4	.6	.5									2.5	4.1
ESE	1.0	2.4	.8	.2								4.4	3.5
SE	2.2	2.6	1.1	.2								6.1	4.0
SSE	2.5	2.2	.7	.6		.1						5.1	4.1
S	2.7	2.6	3.3	1.5	.2							10.3	3.0
SSW	1.4	3.0	4.7	1.5	.1	.2						10.9	3.0
SW	2.4	2.7	5.6	2.2								13.9	3.3
WSW	1.1	1.8	2.4	2.2	.3							7.8	3.4
W	1.6	2.4	1.5	.2								5.7	3.4
WNW	1.0	1.3	.6	.7								3.6	3.0
NW	.2	.7	.6									1.5	3.4
NNW	.6		.6									1.1	4.0
VARIABLE													
CALM	////////////////////											20.1	////
TOTALS	21.5	22.9	23.0	9.4	.7	.3						100.0	3.0

TOTAL NUMBER OF OBSERVATIONS: 973

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 015833 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 7P-87  
MONTH: SEP HOURS(1ST): 0100-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.6	.7	.3								1.6	4.5
NNE	1.5	.1									1.6	2.2
NE	.6	.1									.7	2.0
ENE	.3	.1	.1								.5	3.4
E	1.3	.7	.3								2.3	4.1
ESE	.9	1.8	.2	.2							3.2	4.6
SE	1.5	2.9	.9	.1							5.4	4.9
SSE	2.4	2.4	1.8	.9							7.6	5.5
S	3.1	3.1	2.7	.6							9.5	5.4
SSW	2.9	2.6	3.6	2.2	.2	.2					11.7	7.4
SW	2.3	3.8	6.1	1.9	.2						14.3	7.3
WSW	1.3	1.9	3.0	.8	.3	.1					7.4	7.9
W	2.1	1.7	1.3	.9							6.0	6.0
WNW	.5	.1	1.0	.2							1.8	7.1
NW	.8	.7	.6	.1							2.2	4.9
NNW	.6	.3	.1								1.0	7.4
VARIABLE												
CALM	////////////////////////////////////										27.1	////
TOTALS	20.6	23.1	22.1	9.0	.8	.7					110.0	4.7

TOTAL NUMBER OF OBSERVATIONS: 973

GLOBAL CLIMATOLOGY PROJECT  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035833 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 78-87  
MONTH: SEP HOURS (LST): 0600-0600

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.8	.6	.6									1.9	4.9
NNE	.9	.7										1.6	3.2
NE	1.1	.6	.2									1.9	3.6
ENE	.2	.1										.3	2.0
E	.7	.9	.5	.7								2.4	5.8
ESE	.9	.9	.6	.1								2.5	5.0
SE	1.7	2.5	1.5	.6								6.2	5.8
SSE	2.9	2.7	1.6	1.6								8.2	6.5
S	1.5	3.1	2.8	1.0								8.4	6.7
SSW	2.8	2.4	4.2	1.9			.1					11.5	7.2
SW	1.9	3.4	5.7	3.3	.5	.1						14.9	6.3
WSW	.9	1.8	4.1	2.0	.5							9.3	8.8
W	1.7	1.8	3.3	1.4	.2							5.4	7.6
WNW	.7	1.5	.8	.3		.1						3.4	7.0
NW	.6	.8	.8	.1								2.3	5.7
NNW	.7	.3	.1	.1								1.2	4.0
VARIABLE													
CALM	////////////////////											15.7	////
TOTALS	19.2	24.1	26.7	12.8	1.1	.2	.1					100.0	5.9

TOTAL NUMBER OF OBSERVATIONS: 881

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035833 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 79-87  
MONTH: SEP HOURS(IST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.4	.6	1.2	.3	.1						2.7	6.3
NNE	.3	.3	1.1								1.8	6.6
NE	.1	.4	1.2	.1							1.9	7.6
ENE	.1	.3	.6	.2							1.2	7.3
E	.4	.9	.9	.2							2.5	6.2
ESE	.3	.6	.7	.3							1.9	7.8
SE	.6	1.1	1.5	.9	.1	.1					4.3	8.1
SSE	.4	1.3	1.6	1.9	.2						5.5	9.0
S	1.2	1.9	2.8	2.9	.9						9.8	9.4
SSW	1.2	1.7	3.6	2.7	.6						9.8	8.9
SW	1.7	2.1	5.1	6.0	.4	.2					15.5	9.5
WSW	1.3	2.5	3.6	2.5	.6	.3					17.8	9.0
W	1.6	1.6	5.2	5.2	1.1	.3					14.9	10.3
WNW	.7	1.6	2.4	1.7		.1					6.4	8.4
NW	.6	.9	1.6	.2							3.3	6.9
NNW	1.0	.8	1.2	.1							3.1	5.8
VARIABLE		.1	1.3	.3	.1						1.9	9.9
CALM	////////////////////										2.7	/// //
TOTALS	12.1	18.8	35.5	25.6	4.2	1.1					100.0	8.6

TOTAL NUMBER OF OBSERVATIONS: 890

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: Q35833 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 7P-87  
MONTH: SEP HOURS(151): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.9	1.6	2.1	.1	.3						5.1	7.9
NNE	.2	1.1	1.0	.1							2.5	6.6
NE		.9	1.1								2.0	7.2
ENE		.1	.4								.6	7.5
E	.3	.8	1.1	.4							2.7	7.8
ESE	.1	.9	.4	.2							1.7	6.7
SE	.1	.4	1.1	.7	.3						2.7	10.0
SSE	.3	.9	1.5	.9	.4	.2					4.3	10.0
S	.8	1.5	3.7	3.4	.9	.2					10.4	10.3
SSW	.8	1.2	2.4	3.6	.4	.1					9.5	10.3
SW	1.8	1.9	4.4	6.2	.4	.3					15.0	10.0
WSW	.3	2.1	2.9	3.9	1.0	.4					10.8	11.0
W	1.1	2.4	4.9	4.8	.4	.4					14.1	10.0
WNW	.9	1.7	2.7	2.4	.2						7.9	8.5
NW	.4	1.2	1.7	.4	.2						4.0	7.7
NNW	.4	1.1	1.0	.3		.1					3.0	7.1
VARIABLE		.1	2.1	.6	.1	.1					3.0	10.1
CALM	////////////////////										1.7	////
TOTALS	8.6	20.0	34.7	28.1	4.9	2.0					100.0	5.3

TOTAL NUMBER OF OBSERVATIONS: 891

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035833 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 78-87  
MONTH: SEP HOURS(UTC): 1800-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.2	1.5	1.6	.8							5.1	1.6
NNE	.8	.7	.7	.3							2.5	6.0
NE	.7	1.1	1.2	.1							3.2	5.6
ENE	.7	.5	.8								1.9	5.4
E	.9	.7	1.4	.1							3.1	5.4
ESE	.9	.8	.8								2.5	4.7
SE	.2	1.6	1.8	1.0							4.4	7.9
SSE	.5	.7	1.9	.8							3.9	7.2
S	.8	1.6	3.3	2.7	.5						8.9	9.3
SSW	.5	.7	3.1	2.8	.6						7.6	10.4
SW	.8	1.4	5.0	4.6	.6	.1					12.5	10.3
WSW	1.8	1.5	3.5	3.1	.6	.2					10.6	9.2
W	1.8	3.5	5.5	3.6	.5	.1					15.1	9.7
WNW	1.2	2.4	2.8	1.8	.3	.1					8.7	8.3
NW	1.1	.9	.9	.5							3.3	5.8
NNW	.7	.7	.5	.7	.2						2.7	7.7
VARIABLE			.2	.3							.5	10.2
CALM	////////////////////////////////////										3.3	////
TOTALS	14.7	20.0	34.9	23.3	3.2	.6					100.0	8.1

TOTAL NUMBER OF OBSERVATIONS: 863

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035833 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 78-87  
MONTH: SEP HOURS/LSII: 1500-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										GE %	TOTAL	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			
N	1.5	1.4	.9	.1								7.9	4.8
NNE	.7	.9	.7									2.3	4.7
NE	1.5	.9	.5	.1								2.9	4.0
ENE	.8	.7	.5									1.9	4.0
E	1.8	1.1	.5									3.4	4.0
ESE	1.9	2.8	1.4	.2	.1							6.5	5.2
SE	1.9	3.2	1.7	.2	.1	.1						7.3	5.6
SSE	1.2	1.6	2.4	.8								6.0	5.7
S	1.5	2.6	3.3	1.8	.1	.3						7.6	6.1
SSW	.3	1.8	3.5	1.7								7.4	5.6
SW	1.9	2.2	1.2	1.4	.1							6.7	5.4
WSW	1.7	2.7	2.6	2.2	.1							9.3	7.5
W	2.5	3.2	3.1	1.0	.1							9.9	6.3
WNW	1.2	1.2	1.8	.3	.1							4.8	6.3
NW	.7	.5	.9		.1							2.2	6.5
NNW	.6	.6	.1	.2								1.5	5.0
VARIABLE													
CALM	////////////////////											24.8	////
TOTALS	21.7	27.3	24.9	10.1	.9	.5						100.0	5.5

TOTAL NUMBER OF OBSERVATIONS: 862

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035833 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 79-87  
MONTH: SEP HOURS(LEST): 1100-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL	MEAN WIND
	3-5	6-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-63		
N	2.1	.8									2.9	2.9
NNL	.9	.2	.2								1.4	2.4
NE	1.4	.6		.1							2.1	3.5
NEL	.6	.7	.3								1.7	4.6
E	1.7	1.0	.7	.1							3.5	5.1
ESE	1.4	1.9	1.8	.1							5.1	5.7
SE	1.9	3.8	1.3	.5		.1					7.4	5.5
SSE	2.5	1.0	2.3	1.0	.1	.1					7.1	6.9
S	1.7	3.0	2.9	2.5	.3						10.4	7.7
SSW	.9	1.5	3.9	1.1							7.4	7.5
SW	.7	3.3	3.4	1.6	.1						9.1	7.8
WSW	.8	2.2	2.4	2.6	.2						9.2	8.6
W	1.7	3.5	1.9	.6							7.7	8.5
WNW	.8	1.6	.8	.5							3.7	5.9
NW	.5	.3	.8	.1							1.7	6.5
NNW	.7	.1	.2								.7	4.2
VARIABLE												
CALM	////////////////////										20.6	////
TOTALS	19.5	25.1	22.9	10.8	.8	.2					100.3	5.2

TOTAL NUMBER OF OBSERVATIONS: 877



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035833 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 78-87  
MONTH: SEP HOURS/EST: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.1	.9	.9	.2	.1						5.2	5.6
NNE	.8	.5	.5	.1							1.9	4.9
NL	.7	.6	.6	.1							1.9	5.1
ENE	.4	.3	.4	.0							1.1	5.2
E	1.0	.9	.7	.2							2.7	5.3
ESE	.9	1.5	.8	.2	.0						3.5	5.5
SE	1.3	2.3	1.4	.5	.1	.7					5.5	6.2
SSE	1.5	1.6	1.7	1.1	.1	.1					6.1	7.0
S	1.7	2.4	3.1	2.1	.4	.1					9.7	6.0
SSW	1.3	1.9	3.6	2.2	.2	.1	.0				9.7	6.4
SW	1.7	2.6	4.6	3.4	.3	.1					12.7	6.6
WSW	1.2	2.1	3.1	2.4	.5	.1					9.3	6.9
W	1.8	2.6	3.3	2.2	.3	.1					10.3	6.0
WNW	.9	1.4	1.6	1.0	.1	.0					5.0	7.6
NW	.6	.8	1.0	.2	.0						2.6	6.4
NNW	.6	.5	.5	.2	.0	.0					1.8	5.9
VARIABLE		.0	.5	.2	.0	.0					.7	10.0
CALM	////////////////////////////////////										12.9	////
TOTALS	17.5	22.7	28.1	16.1	2.1	.7	.0				100.0	6.5

TOTAL NUMBER OF OBSERVATIONS: 7056

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035833 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 77-P6  
MONTH: OCT HOURS/EST: 0700-0700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL Σ	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			56-60
N	.8	.4										1.2	1.0
NNE	.7	.4	.8									1.9	1.5
NE	1.0	.4	.4									1.8	1.4
ENE	.5	.3										.8	2.7
E	1.7	2.2	1.0									4.9	4.6
ESE	1.4	.7	1.0									3.1	4.6
SE	1.1	2.5	1.3	.3								5.2	5.7
SSE	1.8	4.2	2.7	.5								9.2	6.0
S	1.3	3.1	3.4	2.6								10.4	7.6
SSW	1.1	2.5	2.9	3.0	.4							10.0	8.4
SW	1.4	3.0	3.0	2.9	.8	.1	.2					11.5	8.0
WSW	.5	2.2	2.3	2.0	.1							7.1	6.6
W	.4	1.6	1.2	.9								4.1	7.1
WNW	.1	.3	.7	.2	.1							1.4	6.8
NW	.2	.3	1.0	.4	.2							2.1	6.9
NNW	.1			.9								1.0	6.5
VARIABLE			.1	.3								.4	17.1
CALM	////////////////////////////////////											27.0	////
TOTALS	14.7	24.3	21.7	14.1	1.6	.1	.2					10.0	6.4

TOTAL NUMBER OF OBSERVATIONS: 9.1

GLOBAL CLIMATOLOGY BRANCH  
USAF/FLTA  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035832 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 77-PB  
MONTH: OCT HOURS(1ST): 0700-0900

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-7	8-16	17-24	25-33	34-40	41-47	48-55	56-63	64-71	72-80		
N	.2	.9	.4	.1							1.6	5.7
NNE	1.1		.7	.1							1.9	5.2
NE	.9	.5	.1								1.5	3.4
ENE	.8	.4									1.2	3.3
E	1.7	1.6	.9								4.2	4.5
ESE	.8	1.1	1.4	.3							3.6	6.0
SE	1.7	1.9	1.4	.2							5.2	5.2
SSE	1.5	2.9	3.1	1.3							9.8	6.7
S	1.5	3.0	3.3	2.3	.5						10.6	7.4
SSW	1.8	3.0	2.9	3.0	.2						11.1	7.6
SW	1.0	2.6	3.2	2.2	.5						9.5	6.4
WSW	.8	1.8	2.9	1.6	.1	.1					7.4	5.3
W	.9	1.2	1.6	.3							3.9	6.8
WNW	.7	.2	.9	.2	.2						2.2	7.6
NW	.7	.4	1.0	.3							2.4	6.1
NNW	.3	.5	.2	.4							1.4	6.9
VARIABLE			.1	.1							.2	12.5
CALM	////////////////////										27.7	////
TOTALS	19.2	22.7	24.2	10.6	1.6	.1					100.0	5.4

TOTAL NUMBER OF OBSERVATIONS: 9.1

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 015833 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 77-78  
MONTH: OCT HOURS/STATION: 0600-1800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL	MEAN
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.0	.5	.7	.1							2.3	1.0
NNE	.7	.3	.3								1.3	4.3
NE	1.6	.5		.1	.2						2.4	4.6
ENE	.8	.4									1.2	2.7
E	1.8	1.4	1.4								4.7	4.7
ESE	.9	1.2	1.0	.1							3.1	5.1
SE	1.3	2.2	2.3	.5							6.3	6.4
SSE	1.6	2.5	2.8	1.0	.1						4.0	5.7
S	2.2	3.9	3.8	2.8	.8						13.5	7.9
SSW	1.8	2.1	3.4	3.0	.4						10.7	6.7
SW	1.8	1.5	3.6	2.2	.5						9.7	6.0
WSW	.5	2.0	2.7	1.6							6.8	5.0
W	1.0	1.1	2.0	1.0							5.0	3.6
WNW	.3	.5	.9	.4							2.0	2.6
NW	.4	.3	.3	.3							1.4	1.9
NNW	.5	.3	.3	.3							1.7	1.1
VARIABLE			.1								.1	1.1
CALM	////////////////////										12.4	////
TOTALS	19.6	20.9	25.5	17.6	2.1						100.0	5.7

TOTAL NUMBER OF OBSERVATIONS: 921

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035833 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 1974-  
MONTH: OCT HOUR: 0000-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND KTS
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55		
N	.6	.3	.2	.1							1.2	4.2
NNE	.1	.9	.9	.3	.1						2.3	7.2
NE	.5	.2	.6	.2	.1						1.6	7.2
ENE	.7	1.0	.8	.1							2.6	7.1
E	.6	1.4	1.5	.6	.1						4.2	7.0
ESE	.8	1.0	1.6	.3							3.7	6.8
SE	.5	1.0	1.7	.4							3.6	7.4
SSE	.7	1.4	3.1	2.0	.3						7.5	6.2
S	1.3	2.6	4.1	7.8	.5						17.3	6.1
SSW	1.0	1.7	3.4	4.2	1.7	.2					13.2	11.2
SW	1.7	.9	3.0	7.0	1.4	.4					14.4	11.1
WSW	1.1	1.0	2.6	7.2	.1	.2					12.2	8.2
W	1.0	1.4	3.5	2.8	.9	.2					12.7	6.2
WNW	1.4	.7	1.5	.5	.1						3.2	7.2
NW	.5	.8	1.2	1.5	.2						4.2	8.2
NNW	.7	.8	.5	.3							2.3	6.2
VARIABLE			.5	.5	.1						1.1	11.2
CALM	////////////////////										7.2	////
TOTALS	11.5	17.2	31.2	24.5	5.2	1.1					91.7	6.5

TOTAL NUMBER OF OBSERVATIONS: 917

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
 USAF/ETAC FROM HOURLY OBSERVATIONS  
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 07812 STATION NAME: RAF LAKENHEATH UNITED KINGDOM PERIOD OF RECORD: 77-86  
 MONTH: OCT HOURS/DAYS: 21,00-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	KNOTS /HOUR
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-65	
N	.9	.7	1.2	.7							3.5	7.1
NNE	.9	.7	.9	.9	.7						3.4	7.1
NE	.2	.9	.9								1.9	7.1
ENE	.7	.9	.7	.9							3.1	7.1
E	.9	1.3	1.8	1.3							5.3	7.1
ESE	.5	1.0	1.4	1.1							4.0	7.1
SE		.5	2.9	.7							4.1	7.1
ESE	.7	1.7	2.5	1.4	.1	.1					5.6	7.1
S	.9	2.2	3.7	3.6	.7	.9					10.9	10.9
SSW	.9	1.6	3.4	3.1	1.4	.7					10.1	10.9
SW	.7	1.4	2.4	3.5	1.7	.7					10.4	10.9
WSW	.7	1.5	2.4	2.5	.8	.7					8.7	10.9
W	2.0	2.6	3.5	3.7	1.7						15.0	10.9
WNW	.7	1.1	1.7	.8	.7						4.9	10.9
NW	1.7	.9	1.2	1.4	.8	.1					5.0	10.9
NNW	.7	.7	1.3	.9							3.6	10.9
VARIABLE			1.1	.9	.7						3.7	11.1
CALM	////////////////////////////////////										2.7	11.1
TOTALS	14.1	17.7	34.0	29.5	6.7	2.7					107.0	3.6

TOTAL NUMBER OF OBSERVATIONS: 263

GLOBEAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 015833 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 77-86  
MONTH: OCT HOURS/EST: 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	2.2	1.6	1.2	.9							5.8	5.6
NNE	.7	.6	.4	.2							1.4	5.6
NE	.2	.7	.4	.1							1.4	5.6
ENE	.4	.7	1.0	.1							2.2	6.0
E	1.1	1.6	1.6	.4							4.4	6.3
ESE	.7	1.6	1.2	.9							4.3	7.0
SE	1.0	1.6	1.5	.5							4.7	6.7
SSE	1.4	2.5	2.3	1.5		.1					7.4	7.5
S	1.3	3.6	4.6	2.7	.2	.2					12.4	8.3
SSW	.7	1.0	2.4	2.8	1.0	.1					4.1	10.7
SW	1.1	1.8	3.6	3.0	.9	.1					10.5	9.5
WSW	.7	1.5	2.6	2.5	.5						7.4	9.6
W	1.4	1.7	2.6	2.9	.3	.1					9.1	8.6
WNW	1.1	.9	.9	1.0	.3						4.1	8.1
WW	.9	.7	.8	.7	.1						2.2	7.1
NNW	.9	.6	.5	.4							2.4	6.0
VARIABLE			.3	.1	.2						.7	12.7
CALM	////////////////////////////////////										5.5	////
TOTALS	15.4	22.7	26.3	20.8	3.6	.7					100.0	7.4

TOTAL NUMBER OF OBSERVATIONS: 961

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035833 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 77-86  
MONTH: OCT HOURS/EST: 1400-2400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.4	.5	.5	.1								2.5	4.2
NNE	1.2	.7	.1									2.0	3.8
NE	1.6	.8	.1									2.5	3.2
ENE	.4	.7	.2									1.3	4.5
E	1.1	1.6	1.5	.1								4.3	5.4
ESE	1.2	2.2	.9		.1							4.3	5.0
SE	2.3	2.8	1.4	.5	.1							7.2	5.2
SSE	1.3	2.5	3.3	1.0	.3							8.4	7.1
S	1.4	2.9	4.5	2.6	.1	.3						11.8	8.4
SSW	.4	1.8	3.0	2.6	1.0	.1	.1					9.1	10.3
SW	.9	2.9	2.5	1.5	.2	.1						8.1	4.1
WSW	1.1	1.6	2.4	2.0	.1							7.2	5.0
W	1.0	1.2	2.7	.9	.1							5.9	7.6
WNW		.4	.8	.5								1.7	5.6
NW	.4	.3	.4	.5								1.7	3.6
NNW	.5	.4	.2	.2								1.4	5.5
VARIABLE			.1									.1	7.0
CALM	////////////////////											20.1	////
TOTALS	16.5	23.5	24.6	12.6	2.1	.5	.1					100.0	5.7

TOTAL NUMBER OF OBSERVATIONS: 921



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035833 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 77-86  
MONTH: OCT HOURS (LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.0	.4	.1									1.5	3.3
NNE	1.3	.3	.5									2.2	3.8
NE	1.2	.5	.3	.1								2.2	4.5
ENE	.5	.5	.1	.1								1.3	4.4
E	1.2	1.3	.7									3.1	4.6
ESE	1.1	1.7	.7									3.5	4.6
SE	1.4	2.7	1.5	.5	.1							6.3	6.0
SSE	2.1	3.0	2.3	.9								8.3	6.0
S	1.6	3.8	5.3	2.9	.2	.2						14.1	8.2
SSW	.8	2.5	2.5	3.0	.4		.1					9.3	7.5
SW	1.4	2.8	4.1	2.7	.8	.1	.2					12.2	9.1
WSW	.8	1.4	2.4	1.5								6.1	7.8
W	.2	1.6	1.0	.8								3.6	7.4
WNW	.2	.7	.4	.4	.1							1.8	8.4
NW	.5		1.1	.3								2.0	7.7
NNW	.2	.5	.1	.5								1.4	7.8
VARIABLE													
CALM	////////////////////											21.2	////
TOTALS	15.5	24.0	23.1	13.9	1.6	.3	.3					100.0	5.8

TOTAL NUMBER OF OBSERVATIONS: 921

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035833 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 77-86  
MONTH: OCT HOURS (LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.0	.7	.5	.2								2.4	5.2
NNE	.8	.4	.6	.1	.0							1.9	5.6
NE	.9	.5	.3	.1	.0							1.7	4.7
ENE	.5	.6	.3	.1								1.5	5.2
E	1.2	1.6	1.2	.3	.0							4.5	5.7
ESE	.9	1.3	1.2	.3	.0							3.7	5.9
SE	1.2	1.9	1.8	.5	.0							5.4	6.3
SSE	1.3	2.5	2.8	1.2	.1	.0						8.0	7.2
S	1.4	3.1	4.1	2.9	.4	.1						12.0	6.5
SSW	1.0	2.0	3.1	3.4	.9	.1	.0					10.5	6.9
SW	1.2	2.1	3.2	2.6	.8	.2	.1					10.2	6.5
WSW	.7	1.7	2.5	2.2	.2	.1						7.4	6.9
W	1.0	1.6	2.3	1.7	.3	.0						6.9	6.6
WNW	.5	.6	1.0	.5	.1							2.7	7.9
NW	.6	.5	.9	.7	.1	.0						2.8	6.2
NNW	.5	.5	.4	.5								1.9	7.0
VARIABLE			.3	.3	.1							.7	11.4
CALM	////////////////////////////////////											15.7	////
TOTALS	14.8	21.5	26.5	17.6	3.2	.6	.1					100.0	6.7

TOTAL NUMBER OF OBSERVATIONS: 7374

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035833 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 77-86  
MONTH: NOV HOURS/DATE: 0000-0100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	OF 56	
N	1.1	.5	.5	.2							2.3	4.8
NNE	1.8	.8	.6								3.2	4.2
NE	.7	.6	.5		.2						1.9	6.5
ENE		.5	.9	.1	.1						1.6	8.4
E	.2		.8	.3							1.4	8.1
ESE	.1	.1	.7	.1							1.0	7.9
SE	1.3	1.6	1.4	.3							4.6	8.1
SSE	1.4	1.4	2.6	1.9	.1						7.5	8.0
S	1.8	2.8	2.4	2.8	.5						10.2	8.0
SSW	1.7	2.6	2.9	7.1	1.1	.3					15.8	10.4
SW	.7	2.6	4.7	5.3	.8	.3	.1				14.6	10.4
WSW	1.3	1.5	1.7	1.7	.2						5.4	8.3
W	.6	1.8	2.8	1.1	.1	.1					6.5	8.1
WNW	.3	.9	.7	.6							2.4	7.7
NW	.1	.7	.6	.1	.2						1.7	8.4
NNW	.5	.6	.6								1.6	8.5
VARIABLE				.5	.2	.2					.9	16.9
CALM	////////////////////										16.3	////
TOTALS	17.6	18.8	24.2	22.2	3.7	1.7	.1				100.0	7.2

TOTAL NUMBER OF OBSERVATIONS: 872

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAG

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035833 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 77-86  
MONTH: NOV HOURS(LEST): 0700-0900

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.0	1.0	.9		.1						3.1	5.4
NNE	1.1	1.5	.1	.1							2.9	4.3
NE	.1	.6	.2	.2	.1	.1					1.6	8.1
ENE	.1	.6	.6	.1		.1					1.5	8.2
E		1.0	.6	.2							1.9	7.1
ESE	.2	.9	.2								1.4	5.3
SE	.8	1.1	1.5	.8							4.3	7.3
SSE	.5	1.4	2.2	1.3	.1						5.4	8.4
S	1.5	2.5	3.0	4.1	.6						11.7	7.3
SSW	1.0	2.4	3.9	5.7	1.7						14.7	10.5
SW	1.4	2.9	4.4	5.3	.9	.2					14.9	10.2
WSW	.7	1.5	2.3	2.0	.2	.2					6.9	5.5
W	.9	.9	1.5	1.6	.1	.1					5.2	4.1
WNW	.7	.8	.9	.5	.1						3.7	7.2
NW	.5	.8	.6	.6	.2						2.6	8.4
NNW	.5	.7	.2	.2							1.6	5.5
VARIABLE			.1	.5	.3	.1					1.0	15.6
CALM	////////////////////////////////////										16.2	////
TOTALS	11.7	20.6	23.2	21.2	4.6	.9					102.7	7.5

TOTAL NUMBER OF OBSERVATIONS: 870

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035P32 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 77-86  
MONTH: NOV HOURS(1ST): 0600-0100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.0	1.1	.3	.2							2.4	5.0
NNE	.9	1.1	.2								2.3	4.2
NE	.5	.7	.6	.5	.2						2.4	4.2
ENE	.5	.5	.1			.2					1.2	4.1
E	.7	.5	.6	.3							2.1	4.1
ESE	.6	.6	.5								1.6	5.1
SE	1.0	1.4	1.3	.9							4.6	7.1
SSE	.9	1.5	2.3	.9							5.6	7.5
S	2.8	2.4	3.2	4.3	.2						12.9	7.4
SSW	1.7	2.0	4.3	7.0	1.0	.2					15.7	10.7
SW	1.4	1.4	3.7	5.3	.5	.1					12.7	10.9
WSW	.5	.2	2.4	2.6	.2						3.3	10.5
W	1.4	.8	1.5	1.8	.3						5.4	8.4
WNW	.7	1.8	.7	.9							4.7	8.4
NW	.8	1.3	.7	.9	.1						3.8	7.4
NNW	1.3	.7	.3	.5							2.8	5.1
VARIABLE				.7	.1						.8	11.9
CALM	////////////////////										17.2	////
TOTALS	16.0	17.9	22.6	24.9	2.8	.6					107.2	7.5

TOTAL NUMBER OF OBSERVATIONS: 470

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035833 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 77-PG  
MONTH: NOV HOURS/DATE: 0-23-1.00

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.5	1.0	.6	.2							2.3	6.4
NNE	.8	.9	.2								1.9	4.8
NE	.2	.6	.2	.3		.2					1.3	4.6
ENE	.2	.6	.3	.3	.3	.1					1.8	10.1
E	.1	.5	1.0	.2							1.8	7.4
ESE	.6	.9	1.6	.3							3.4	6.5
SE	.6	.7	1.0	1.4							3.7	4.3
SSE	.8	1.5	2.1	1.1							5.5	7.6
S	.9	2.3	2.4	4.1	.8	.2					10.7	10.3
SSW	.7	1.5	3.8	4.7	2.2	.3					13.2	11.7
SW	.9	1.4	3.3	7.7	1.4	.2					14.9	11.4
WSW	1.5	.9	2.8	2.8	.7	.5					6.1	10.7
W	.7	1.4	1.9	3.2	.3						7.5	10.0
WNW	.7	.9	1.8	1.3							4.6	8.4
NW	.8	2.2	1.8	2.1	.5						7.4	6.6
NNW	.8	.7	.7	.2							2.4	5.5
VARIABLE				.8	.2	.1					1.1	10.7
CALM	////////////////////										7.2	////
TOTALS	17.4	17.7	25.7	30.8	6.4	1.7					107.3	6.0

TOTAL NUMBER OF OBSERVATIONS: 472

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 075832 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 77-80  
MONTH: NOV HOURS(EST): 1700-1900

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.8	1.6	.6	.6							3.6	5.9
NNE	1.0	1.0	.1	.1							2.2	4.6
NE	.2	.5	.5								1.2	5.4
NNE	.5	.6	.7	.8	.5	.2					3.3	10.9
E	.7	.7	.8	.2	.2						2.6	7.0
ESE	.5	1.3	.7	.5							3.0	6.7
SE	.1	.9	1.1	1.0							3.1	6.3
SSE	.1	1.4	1.9	.8							4.2	6.1
S	.9	2.3	2.5	1.1	1.4						7.2	10.2
SSW	.7	.8	1.2	1.8	1.9	1.0					11.4	12.9
SW	.5	1.0	3.9	5.4	2.7	.3					13.4	12.4
WSW	.7	1.5	2.7	1.7	1.6	.9					11.0	12.0
W	1.8	1.5	1.9	1.8	.9	.1					10.0	6.7
WNW	.5	.8	1.6	1.5	.2						5.6	10.5
W	.6	1.4	2.5	1.5	.2						6.7	6.7
NNW	.9	1.0	.7	.8							3.4	7.0
VARIABLE			.1	1.0	.2	.3					1.6	16.7
CALM	////////////////////										3.5	////
TOTALS	17.4	18.4	25.8	25.8	4.6	2.9					120.7	6.9

TOTAL NUMBER OF OBSERVATIONS: 476

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035933 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 77-RR  
MONTH: NOV HOURS(EST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	PLAN TIME
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE SE		
N	1.8	1.8	.6	.2								4.7	4.7
NNE	.5	.6	.8									1.9	5.4
NE	.8	.9	.3	.2	.2	.1						2.3	7.7
ENE	.6	.5	.6	.2	.1	.1						2.1	7.4
E	.6	.7	.3	.3								1.9	6.3
ESE	.7	1.7	.8	1.0								4.2	5.7
SE	.6	1.4	1.3	.7								3.9	7.2
SSE	.6	.9	1.6	.7								3.8	7.4
S	.5	2.9	2.9	3.7	.5	.3						10.6	9.9
SSW	1.1	1.5	3.8	4.6	1.0							12.0	10.4
SW	.9	1.9	3.7	5.6	1.6	.7						12.4	11.0
WSW	.2	.7	2.6	2.6	.2	.1						3.8	10.4
W	1.4	2.3	3.1	1.9	.7	.1						5.5	6.7
WNW	.7	2.2	1.0	.8		.1						4.8	7.4
NW	.7	.9	1.7	1.1	.1							4.1	6.4
NNW	.9	1.7	.7	.5	.1	.1						3.5	7.5
VARIABLE			.1	.3		.3	.1					.9	14.5
CALM	////////////////////											5.6	////
TOTALS	17.0	22.7	25.6	24.5	4.6	1.5	.1					107.7	8.1

TOTAL NUMBER OF OBSERVATIONS: 876



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: Q35833 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 77-86  
MONTH: NOV HOURS(UT): 1400-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.5	1.3	.3	.5							3.6	6.0
NNE	.7	1.1	.5								2.3	5.0
NE	.8	.5	.9		.2	.1					2.5	7.1
NNE	.3	.9	.2		.2	.1					1.7	5.1
E	.6	.6	.7	.3							2.2	6.9
ESE	.3	2.4	.9	.3							4.0	6.1
SE	.6	1.3	1.9	.8							4.6	7.2
SSE	1.6	1.8	1.4	1.0							5.8	6.4
S	.5	3.0	2.9	4.6	.3						11.3	5.6
SSW	.7	1.5	4.2	5.4	.9	.2	.1				13.7	10.7
SW	1.1	2.2	3.2	4.0	1.0	.3					11.9	10.2
WSW	.8	1.4	2.9	1.4	.5						6.9	6.9
W	.6	2.5	1.8	2.9	.5	.7					8.4	9.7
WNW	.5	.9	.3	.1							1.8	5.9
NW	.3	1.0	.6	.8							2.7	7.3
NNW	1.0	.8	.5	.5	.1						2.9	6.6
VARIABLE				.2	.1						.3	17.3
CALM	////////////////////										14.2	////
TOTALS	11.9	23.1	23.2	22.7	3.9	1.1	.1				100.0	7.4

TOTAL NUMBER OF OBSERVATIONS: 876

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035833 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 77-96  
MONTH: NOV HOURS (LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.9	.9	.5	.3	.1						2.6	5.8
NNE	.7	1.5	.5								2.6	4.8
NE	.8	.5	.2		.3						1.8	6.9
NNE	.5	.3	.5	.2	.1						1.5	7.6
E	.2	.8	.6	.1							1.7	6.1
ESE	.7	1.2	.9	.8							3.7	7.3
SE	.8	1.8	.8	.7							4.1	6.1
SSE	1.7	1.6	1.7	1.7	.1						6.9	7.1
S	1.3	2.6	2.3	4.0	.6						10.7	9.4
SSW	.1	3.2	3.9	6.3	.6		.2				14.3	10.8
SW	.6	2.2	3.3	4.9	.9	.1					12.0	10.5
WSW	.5	1.8	2.2	1.3	.5						5.0	8.5
W	.3	2.2	2.3	2.1	.2	.1					7.2	6.7
WNW	.5	1.3	1.1	.2							3.1	6.6
NW	.7	.3	.7	.2	.1						2.1	6.4
NNW	.7	.8	.6	.3							2.4	6.7
VARIABLE			.1	.1		.1					.3	14.0
CALM	////////////////////										16.4	////
TOTALS	17.9	23.0	22.3	23.3	3.6	.7	.7				105.0	7.2

TOTAL NUMBER OF OBSERVATIONS: 875

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035833 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 77-86  
MONTH: NOV HOURS (LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.1	1.1	.6	.3	.0						3.1	5.3
NNE	.9	1.1	.4	.0							2.4	4.6
NE	.5	.6	.4	.2	.2	.1					2.0	7.5
ENE	.2	.5	.5	.2	.2	.1					1.9	8.9
E	.4	.6	.7	.3	.0						1.9	6.9
ESE	.5	1.1	.9	.4							2.9	6.6
SE	.7	1.3	1.3	.8							4.1	7.2
SSE	.9	1.4	2.0	1.2	.0						5.6	7.5
S	1.1	2.6	2.7	3.8	.6	.1					11.0	9.3
SSW	.5	1.9	3.7	5.6	1.3	.3	.0				13.6	11.0
SW	.3	1.9	3.8	5.4	1.2	.2	.0				13.6	10.8
WSW	.8	1.2	2.4	2.3	.5	.2					7.4	10.0
W	1.0	1.7	2.1	2.3	.4	.1					7.5	9.2
WNW	.5	1.2	1.0	.8	.0	.0					3.5	8.0
NW	.6	1.1	1.1	1.0	.2						3.9	8.2
NNW	.8	.8	.6	.4	.0	.0					2.6	6.4
VARIABLE			.2	.5	.1	.2	.0				.9	16.3
CALM	////////////////////////////////////										12.1	////
TOTALS	17.1	20.7	24.0	25.4	4.9	1.7	.1				100.0	6.0

TOTAL NUMBER OF OBSERVATIONS: 6987

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 015933 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 77-85  
MONTH: DEC HOURS/15: 0700-0100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.3	.6	.8	.2		.1						2.0	7.0
NNE	.3	.8	.4	.4								2.0	7.0
NE	.3	.3	.3	.4								1.4	8.1
ENE		.2		.1	.1	.2	.1					.4	17.0
E	.4	.9	1.4	.7								3.4	7.5
ESE	.7	1.2	1.0	1.3	.1	.1						4.3	8.6
SE	.9	2.2	1.9	.9	.1	.1						6.1	7.7
SSE	1.6	1.9	1.7	2.9	.6	.1						8.8	8.9
S	1.2	1.9	3.5	3.0	1.1							10.7	9.4
SSW	1.6	2.2	3.7	4.1	1.9	.1						13.6	10.4
SW	1.3	1.0	3.8	4.0	1.6	.1	.1	.1				12.3	11.0
WSW	.3	1.3	1.9	3.7	.7	.1						7.7	10.5
W	.8	.8	2.2	1.0	.8							5.6	9.7
WNW		.6	1.1	1.2								2.9	9.7
NW	.2	.1	1.6	.9								2.8	9.1
NNW	.2	.3	1.1	.2								1.8	7.3
VARIABLE			.1	.2	.1	.7	.1					.4	14.7
CALM	////////////////////											13.2	////
TOTALS	17.1	16.3	26.5	25.4	6.7	1.7	.3	.1				100.0	8.8

TOTAL NUMBER OF OBSERVATIONS: 977

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035833 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 77-86  
MONTH: DEC HOURS/DATE: 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-60		
N	.6	.8	.8	.2								2.3	6.6
NNL	.2	.2	.7	.1		.1						1.3	4.2
NE	.6	.6	.2	.1		.2						1.7	7.4
ENE	.1	.2	.3	.6	.1							1.7	6.5
E	1.0	.8	.7	.7								3.1	6.4
ESE	.6	1.8	1.2	1.0	.2							4.8	6.0
SE	1.4	1.8	1.1	1.3	.1							5.7	6.9
SSE	.9	1.3	2.3	2.5	.3	.7						7.6	6.5
S	1.1	1.6	3.5	3.5	1.4							11.0	10.4
SSW	.7	3.0	3.6	3.7	1.4	.3	.1					12.8	10.4
SW	1.3	1.7	4.2	5.0	.7			.1				13.0	10.7
WSW	.3	1.6	1.9	3.1	.7							7.6	11.4
W	1.1	1.0	1.4	1.8								5.4	6.4
WNW	.7	.7	.6	.7	.1							2.8	4.5
WW	.2	.4	1.0	1.6	.2							3.5	10.5
NNW	.1	.3	.8	.2								1.4	7.6
VARIABLE		.2		.1	.1			.1				.6	16.5
CALM	////////////////////											14.4	////
TOTALS	10.6	17.9	24.3	26.1	5.5	.9	.1	.2				100.0	6.1

TOTAL NUMBER OF OBSERVATIONS: 897

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035833 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 77-86  
MONTH: DEC HOURS/EST: 0600-0400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL	PLAN
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.2	.7	.2	.7	.1						1.9	8.7
NNE	.4	.7	.3								1.4	8.4
NE	.6	.2	.4	.3	.1	.1					1.7	8.1
ENE	.4	.3	.4	.3							1.4	8.7
E	.5	1.7	1.7	.1	.1						4.0	8.1
ESE	.5	.7	1.6	1.3							4.1	8.7
SE	1.0	1.2	1.4	1.6	.1	.1					5.4	8.3
SSE	.4	2.9	2.2	2.1	.4	.2					8.2	8.7
S	.4	2.6	3.4	3.8	1.7	.2					12.1	10.7
SSW	.7	1.6	5.6	3.3	.7	.1					11.4	10.3
SW	1.1	2.0	3.6	4.4	.7						11.8	8.9
WSW	.7	1.0	2.9	2.7	.6	.2					7.7	10.3
W	1.6	1.1	2.2	1.7	.3	.1	.1				7.1	8.5
WNW	.1	.3	.2	.7	.3						1.7	10.6
NW	.1	.7	1.4	1.0	.3						3.5	10.0
NNW	.1	.3	.9								1.3	7.7
VARIABLE				.2							.2	10.6
CALM	////////////////////										10.7	////
TOTALS	9.7	17.9	28.6	24.2	5.5	1.1	.1				107.0	8.1

TOTAL NUMBER OF OBSERVATIONS: 849

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035933 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 77-56  
MONTH: DEC HOURS(1ST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.1	.6	.4	.1	.1						1.3	7.9
NNL	.2	.6	.8	.2	.2						2.0	8.6
NE	.3	.7	.4	.6	.1						2.1	8.3
ENE	.1	.1		.4							.7	9.2
E	.9	.4	1.1	1.7							4.1	8.7
ESE	.4	1.1	1.5	1.3							4.4	8.1
SE	.7	.9	1.7	2.3		.2					5.8	9.9
SSE	1.0	1.0	1.7	2.6	.4	.3					7.0	10.2
S	1.3	1.9	3.9	3.8	1.0	.2					12.2	10.0
SSW	.9	1.0	3.5	4.9	1.1	.2					11.6	11.1
SW	.9	1.7	4.4	6.4	.9	.9					15.0	11.3
WSW	1.0	1.8	2.8	4.5	.2	.2	.1				12.6	10.1
W	.9	1.6	1.7	2.1							6.3	9.2
WNW	.3	.4	.8	.7							2.2	8.3
NW	.1	.6	1.9	1.2	.2						4.0	10.3
NNW	.2	.2	1.1	.4							2.9	9.8
VARIABLE				.4	.1	.2					.8	17.3
CALM	////////////////////										7.7	////
TOTALS	9.5	14.5	27.6	33.8	4.5	2.2	.1				107.0	9.2

TOTAL NUMBER OF OBSERVATIONS: 894

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 015833 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 77-96  
MONTH: DEC HOURS(UTC): 1000-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL	MEAN KNOTS
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.4	.6	.8	.1	.1						2.0	6.4
NNE		.3	.4	.3	.1						1.2	10.0
NE		.7	.7	.6	.1						2.0	9.1
ENE	.1	.3	.8	.2							1.4	8.4
E	.1	.4	1.5	1.6	.3						3.9	11.7
ESE	.3	.7	1.8	1.8							4.6	9.4
SE	.3	.9	1.7	2.8	.1	.1					5.6	10.6
SSE	.3	1.2	1.6	1.9	.3						5.4	9.6
S	.6	.9	2.3	3.9	.9	.4					9.0	11.7
SSW	.6	1.0	3.5	5.4	1.3	.1					11.8	11.5
SW	.8	1.5	3.8	6.8	.9	.7					14.4	11.4
WSW	.6	2.0	2.9	6.2	.6	.7					12.9	11.4
W	.9	1.5	2.0	3.3	.3	.3					6.4	10.1
WNW	.3	.9	1.3	1.3		.2					4.1	9.8
NW	.1	.6	2.5	1.7	.2						5.0	10.4
NNW	.2	.2	.9	.6	.1						2.0	9.5
VARIABLE			.1	.4	.1	.1					.8	15.6
CALM	////////////////////										5.4	////
TOTALS	5.7	13.6	28.1	39.0	5.6	2.7					107.0	10.2

TOTAL NUMBER OF OBSERVATIONS: 896



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035831 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 77-86  
MONTH: DEC HOURS(EST): 1600-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GF %	
N	.1	.4	.4	.2							1.1	6.4
NNE	.2	.2	.8	.3	.2						1.5	8.6
NE	.2	.3	.6	.1							1.2	6.1
ENE	.2	.3	.9	.9	.1						2.4	6.7
E	.3	.7	1.8	1.5	.2						4.5	6.7
ESE	.4	1.3	1.0	.9	.1						3.7	6.4
SE	1.0	.6	2.4	2.0	.1						6.1	7.2
SSE	.6	1.1	2.6	1.3	.3	.1					6.1	8.2
S	1.3	2.4	3.7	3.5	.6	.3					11.8	8.5
SSW	.9	1.7	3.6	5.5	.4	.2					12.3	10.4
SW	.4	1.9	4.6	3.9	.7	.2	.2				12.0	10.4
WSW	.9	1.6	3.8	2.8	.7	.3					10.1	9.8
W	.7	2.9	3.1	1.0	.4	.2					8.4	8.4
WNW	.3	1.0	.9	.8							3.0	7.3
NW	1.1	1.1	1.7	1.1							5.0	7.4
NNW	.3	.2	.4	.6	.3						1.8	10.5
VARIABLE				.2	.1						.3	1.0
CALM	////////////////////										7.7	////
TOTALS	9.4	17.8	32.3	26.7	4.4	1.5	.2				100.0	8.6

TOTAL NUMBER OF OBSERVATIONS: 892

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 015833 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 77-86  
MONTH: DEC HOURS(LETT): 1200-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.3	.7	.6	.1	.1	.1					1.9	7.9
NNE	.1	.3	.5	.2	.5						1.6	11.0
NE	.2	.9	.3	.1							1.5	7.1
ENE	.3	.1	.3	.6							1.4	6.7
E	.7	.6	1.8	1.4	.3						4.8	9.1
ESE	.7	.7	2.3	.7	.1						4.6	7.6
SE	.7	1.0	.9	1.4	.2						4.2	6.1
SSE	1.4	2.6	3.3	3.3	.5						11.5	6.8
S	.7	3.2	2.9	3.6	.9	.1					13.4	6.7
SSW	.5	3.1	5.0	3.6	1.4	.3					17.9	10.7
SW	.6	2.1	4.2	3.1	1.1	.2					11.3	10.7
WSW	.3	1.5	2.3	3.6	.1	.5					7.3	10.4
W	.9	1.7	1.6	.8	.3						5.3	7.2
WNW	.7	1.4	1.4	.2							4.7	6.0
NW	.2	.8	1.0	1.2							3.2	6.4
NNW	.7	.5	.7	.2	.1						1.2	5.4
VARIABLE				.1	.1	.1					3.3	6.7
CALM	////////////////////										2.1	2.7
TOTALS	9.6	21.0	29.0	24.7	5.9	1.9					107.1	7.7

TOTAL NUMBER OF OBSERVATIONS: 864

GLOBAL CLIMATOLOGY BRANCH  
USAF/ETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 025633 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 1974-1984  
MONTHS: ALL MONTHS

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	CALM %
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-54		
N	.4	.9	.3	.5							1.1	0.0
NNE	.2	.5	.1	.7							1.5	0.0
NE	.6	.7	.7	.1							2.1	0.0
ENE	.1	.2		.3		.2					0.8	0.0
E	.6	.6	1.5	.6	.2	.1					3.6	0.0
ESE	1.1	.9	2.3	1.4		.1	.2				5.0	0.0
SE	.9	1.1	1.0	1.4							4.4	0.0
SSE	1.7	1.9	1.9	2.6	.3						8.4	0.0
S	1.4	3.2	3.9	4.0	1.4	.2					15.9	0.0
SSW	.5	1.4	2.7	2.7	1.2	.6					11.1	11.0
SW	1.0	3.2	4.0	4.1	1.4	.1					13.7	10.0
WSW	.6	.9	1.9	2.2	1.1	.1					6.8	10.0
W	.7	1.5	1.6	1.6	1.0	.1					6.5	10.0
WNW	.2	.6	1.7	1.1							3.6	9.0
NW	.1	.7	.6	.9							2.3	8.0
NNW	.1	.5	.9	.1							1.6	7.5
VARIABLE			.1	.3							0.4	17.3
CALM	////////////////////////////////////										11.3	////
TOTALS	17.0	18.7	26.4	25.5	6.7	1.6	.2				107.0	6.5

TOTAL NUMBER OF OBSERVATIONS: 847

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035433 STATION NAME: RAF LARKENHEAD UNITED KINGDOM

PERIOD OF RECORD: 77-86  
MONTH: DEC HOURS(LEST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-60	
N	.7	.6	.5	.3	.1	.0					1.2	7.5
NNE	.2	.4	.5	.7	.1	.0					1.6	8.5
NE	.4	.5	.5	.3	.0	.0					1.7	9.5
ENE	.2	.2	.4	.4	.0	.1	.0				1.7	9.8
E	.6	.6	1.4	1.0	.2	.0					4.2	8.4
ESE	.6	1.1	1.6	1.2	.1	.0	.0				4.6	8.4
SE	.5	1.2	1.5	1.7	.1	.1					5.4	8.6
SSE	1.0	1.7	2.2	2.4	.4	.1					7.8	9.1
S	1.0	2.2	3.4	3.6	1.1	.2					11.5	10.1
SSW	.7	1.9	4.0	4.3	1.2	.3	.0				12.4	10.6
SW	.5	1.9	4.1	4.7	1.0	.3	.0	.0			13.5	10.6
WSW	.6	1.5	2.5	3.6	.5	.7	.0				9.3	10.6
W	.5	1.5	2.0	1.7	.4	.1	.0				6.6	8.9
WNW	.7	.7	1.0	.4	.1	.0					2.9	8.7
NW	.7	.6	1.5	1.2	.1						3.7	9.4
NNW	.2	.3	.9	.3	.1						1.8	8.4
VARIABLE		.0	.0	.3	.1	.1	.0	.0			1.4	14.3
CALM	////////////////////										17.7	////
TOTALS	9.2	17.2	27.8	28.1	5.6	1.6	.1	.0			107.0	8.7

TOTAL NUMBER OF OBSERVATIONS: 7142

GLOBAL CLIMATOLOGY BRANCH  
USAFETAL  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 015833 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 77-77  
MONTH: ALL HOURS(EST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.3	1.5	1.6	.7	.1	.0	.0				1.9	1.7
NNE	.8	1.1	1.2	.6	.1	.0					1.6	1.3
NE	.8	.8	.9	.5	.1	.0					1.2	1.0
ENE	.5	.8	.8	.5	.1	.0	.0				2.4	1.1
E	.8	1.2	1.3	.7	.1	.0					4.0	1.3
ESE	.8	1.4	1.2	.5	.0	.0	.0				1.9	1.4
SE	1.0	1.5	1.2	.6	.0	.0	.0				4.4	1.7
SSE	1.2	1.6	1.6	.9	.1	.0					.4	1.1
S	1.3	2.2	2.7	2.1	.4	.1					4.8	1.4
SSW	.9	1.6	3.0	2.8	.5	.1	.0				4.3	1.8
SW	1.1	2.0	3.2	2.9	.5	.1	.0	.0			4.9	1.7
WSW	.9	1.6	2.5	2.1	.7	.1	.0	.0			7.0	1.2
W	1.7	1.9	2.6	1.8	.3	.1	.0				4.0	1.3
WNW	.8	1.2	1.3	.7	.1	.0	.0				4.0	1.4
NW	.7	1.1	1.2	.6	.1	.0	.0				1.7	1.2
NNW	.7	1.0	.9	.4	.0	.0					1.0	1.5
VARIABLE	.0	.0	.5	.3	.0	.0	.0	.7			.9	12.9
CALM	////////////////////										12.0	////
TOTALS	15.0	22.5	27.0	18.9	2.9	.7	.1	.0			100.0	7.1

TOTAL NUMBER OF OBSERVATIONS: 4410

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 015833 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 77-87  
MONTH: ALL HOURS/LSIT: ALL

CEILINGS 200 TO 1400 FEET WITH VISIBILITIES 1/2 MILE OR MORE  
AND/OR

CEILINGS 200 FEET OR MORE WITH VISIBILITIES 1/2 TO 2-1/2 MILES

DIRECTION (DEGREES)	WIND SPEED IN KNOTS								TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40		
N	1.9	2.5	2.4	.9	.0	.7	.0		7.7	6.5
NNE	1.2	1.3	1.7	1.0	.1	.7			5.2	7.4
NE	1.0	1.0	1.4	.6	.1	.0			4.1	7.2
ENE	.7	1.0	1.3	.6	.0				3.6	7.3
E	1.1	2.1	1.8	1.2	.1				6.7	7.1
ESE	1.1	2.2	1.9	.7	.0	.0	.0		5.9	6.6
SE	1.2	1.8	1.5	.6	.1	.0	.0		5.2	6.7
SSE	1.5	1.8	1.6	.8	.1	.0			5.8	6.6
S	1.3	2.0	1.7	1.5	.2	.0			6.7	7.7
SSW	.9	1.5	1.7	1.7	.2	.0			5.5	6.4
SW	1.0	1.2	1.5	.9	.1	.0			4.7	7.2
WSW	.9	1.0	1.0	.3	.0				3.3	6.1
W	1.4	1.5	1.1	.2	.0	.0			4.7	6.4
WNW	1.1	1.4	.9	.5	.1	.0			4.0	7.2
NW	.9	1.3	1.2	.8	.1				4.4	7.7
NNW	1.1	1.4	1.3	.7	.0	.0			4.5	6.4
VARIABLE		.0	.1	.1	.0	.0			.7	17.1
CALM	////////////////////								17.7	////
TOTALS	18.7	25.1	24.1	17.1	1.4	.7	.0		100.0	6.7

TOTAL NUMBER OF OBSERVATIONS: 12211

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## CEILING VERSUS VISIBILITY AND SKY COVER SUMMARIES

### CEILING VERSUS VISIBILITY SUMMARY

THIS SUMMARY IS A BIVARIATE FREQUENCY DISTRIBUTION BY CLASSES OF CEILING FROM "3" THROUGH EQUAL TO OR GREATER THAN 20,000 FEET AND AS A SEPARATE CLASS "NO CEILING", VERSUS VISIBILITY IN 16 CLASSES FROM ZERO THROUGH EQUAL TO OR GREATER THAN 10 MILES.

DATA DERIVED FROM HOURLY OBSERVATIONS.

FREQUENCY DISTRIBUTION PRESENTED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED).

#### NOTES:

BEGINNING IN 1968, METAR STATIONS REPORTED VISIBILITIES TO 6 MILES AND GREATER THAN 6 MILES. THEREFORE THE COLUMN FOR VISIBILITIES EQUAL TO OR GREATER THAN 10 MILES APPEAR BLANK.

AS A RULE, AIRWAYS STATIONS NORMALLY REPORT VISIBILITIES TO 6 MILES AND 7 OR GREATER, HOWEVER SOME STATIONS REPORT HIGHER VALUES. THEREFORE, THE 10 MILE VISIBILITY COLUMN SOMETIMES CONTAIN SMALL PERCENTAGE VALUES. HOWEVER, THESE VALUES ARE OF LITTLE MEANING AND SHOULD BE DISREGARDED.

FOR METAR CIVILIAN STATIONS REPORTING "CAVOK", ALL CEILINGS ABOVE 5000 FEET WERE SUPPRESSED TO 5000 FEET. THEREFORE, NO PERCENT VALUES APPEAR ABOVE 5000 FEET.

### SKY COVER SUMMARY

PRESENTS PERCENTAGES OF SKY COVER IN EITHER 10THS OF COVERAGE OR "AIRWAYS CLASSIFICATIONS".

DATA SUMMARIZED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED).

ALSO PRESENTED ARE MEAN SKY COVERS.

FOR AIRWAY STATIONS, THE CONVERSION FROM THE AIRWAYS DESIGNATIONS TO 10THS FOR PRESENTATION ARE:

CLEAR	-	0/10
SCATTERED	-	3/10
BROKEN	-	4/10
OVERCAST	-	10/10
OBSCURED	-	10/10



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035931 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 1947-57  
MONTH: JAN HOURS: 0000-0000

CEILING IN FEET	1	VISIBILITY IN HUNDREDS OF METERS															
		GE 160	GE 90	GE 30	GE 60	GE 40	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 6	GE 4	GE 2
NO CEIL	1		28.0	29.3	31.5	32.3	32.9	34.0	34.6	34.8	36.0	36.6	35.8	36.1	36.3	36.6	36.8
GE 20000			29.8	31.3	34.0	34.9	35.4	36.5	37.3	37.3	38.0	38.1	38.4	38.5	38.8	39.0	39.3
GE 18000			29.8	31.3	34.0	34.9	35.4	36.5	37.3	37.3	38.0	38.1	38.4	38.5	38.8	39.0	39.3
GE 16000			29.8	31.3	34.0	34.9	35.4	36.5	37.3	37.3	38.0	38.1	38.4	38.5	38.8	39.0	39.3
GE 14000			29.8	31.3	34.0	34.9	35.4	36.5	37.3	37.3	38.0	38.1	38.4	38.5	38.8	39.0	39.3
GE 12000			29.9	31.4	34.1	35.0	35.5	36.6	37.4	37.4	38.1	38.3	38.5	38.7	38.9	39.2	39.5
GE 10000			30.4	31.8	34.6	35.5	36.1	37.2	37.9	37.9	38.7	38.8	39.0	39.2	39.5	39.8	40.0
GE 9000			30.6	32.0	34.6	35.7	36.3	37.4	38.1	38.1	38.9	39.0	39.2	39.5	39.8	40.1	40.4
GE 8000			33.0	34.4	37.4	38.4	38.9	40.0	40.6	40.6	41.5	41.5	41.8	42.1	42.3	42.7	43.1
GE 7000			34.2	35.7	38.7	39.7	40.2	41.3	42.1	42.1	42.8	43.0	43.2	43.4	43.6	44.0	44.4
GE 6000			34.6	36.3	39.2	40.2	40.8	41.9	42.6	42.6	43.4	43.5	43.7	43.9	44.2	44.6	45.0
GE 5000			35.6	37.6	40.9	42.0	42.5	43.9	44.7	44.7	45.5	45.6	45.8	46.0	46.2	46.7	47.0
GE 4500			36.4	41.3	45.1	46.3	46.9	48.6	49.4	49.4	50.2	50.3	50.5	50.7	50.9	51.4	51.7
GE 4000			44.8	48.0	53.2	54.6	55.2	57.4	58.1	58.1	58.9	59.0	59.2	59.5	59.7	60.1	60.4
GE 3500			47.5	50.7	56.1	57.5	58.0	60.9	61.7	61.7	62.6	62.7	63.1	63.3	63.5	63.9	64.3
GE 3000			51.9	55.7	61.9	63.3	64.0	67.1	68.3	68.3	69.3	69.4	69.7	69.9	70.2	70.7	70.9
GE 2500			54.2	59.7	65.0	66.4	67.2	70.4	71.6	71.6	72.6	72.7	73.0	73.2	73.4	73.9	74.2
GE 2000			56.6	61.6	68.9	71.1	71.9	75.1	76.7	76.7	77.9	78.0	78.4	78.6	78.8	79.2	79.5
GE 1800			57.6	62.4	69.6	71.9	72.7	75.8	77.7	77.7	78.7	78.8	79.1	79.3	79.6	80.0	80.3
GE 1600			59.3	64.3	72.0	74.3	75.1	78.6	80.4	80.4	81.5	81.6	82.0	82.2	82.4	83.0	83.3
GE 1400			61.4	67.4	75.6	78.3	79.0	82.7	84.5	84.5	86.0	86.1	86.4	86.7	86.9	87.4	87.7
GE 1200			62.4	68.7	76.4	80.1	80.9	84.8	87.2	87.2	88.4	88.5	88.9	89.1	89.3	89.8	90.0
GE 1000			62.5	68.9	77.0	81.2	81.0	84.4	87.3	87.3	88.5	88.6	89.0	89.2	89.4	89.9	90.2
GE 900			62.8	69.4	77.9	81.2	82.0	85.9	88.3	88.3	89.5	89.6	89.9	90.2	90.4	90.9	91.3
GE 800			62.0	67.6	76.4	82.1	82.6	87.0	89.4	89.4	90.6	90.7	91.1	91.4	91.6	92.1	92.5
GE 700			63.0	69.0	78.5	82.4	82.2	87.5	90.1	90.1	91.3	91.5	91.9	92.1	92.3	92.9	93.2
GE 600			63.1	69.7	78.4	82.7	83.6	89.1	90.7	90.7	91.9	92.2	92.7	92.9	93.1	93.7	94.1
GE 500			63.1	69.8	79.0	83.2	84.0	89.5	91.0	91.0	92.3	92.6	93.1	93.4	93.6	94.2	94.5
GE 400			63.1	69.8	79.1	83.5	84.4	89.1	92.0	92.0	93.4	93.7	94.2	94.5	94.8	95.4	95.8
GE 300			63.1	69.8	79.1	83.5	84.4	89.1	92.0	92.0	93.4	93.7	94.2	94.5	94.8	95.4	95.8
GE 200			63.1	69.8	79.1	83.5	84.4	89.1	92.0	92.0	93.4	93.7	94.2	94.5	94.8	95.4	95.8
GE 100			63.1	69.8	79.1	83.5	84.4	89.1	92.0	92.0	93.4	93.7	94.2	94.5	94.8	95.4	95.8
GE	CI		63.1	69.8	79.1	83.5	84.4	89.1	92.0	92.0	93.4	93.7	94.2	94.5	94.8	95.4	95.8

TOTAL NUMBER OF OBSERVATIONS: 715

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 415331 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 78-87  
MONTH: JAN HOUR(S): 0100-0600

CEILING		VISIBILITY IN HUNDREDS OF METERS																	
IN	FEET	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
NO CEIL	1	26.0	26.9	29.1	29.9	31.6	32.7	31.3	31.7	32.3	32.5	32.6	32.5	32.6	32.6	32.6	32.6	32.6	32.6
GE 20000		38.6	30.0	32.6	33.5	33.6	34.4	34.9	35.7	35.9	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1
GE 18000		29.0	30.2	32.6	33.7	33.6	34.6	35.1	35.4	36.1	36.7	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3
GE 16000		29.0	30.2	32.6	33.7	33.6	34.6	35.1	35.4	36.1	36.7	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3
GE 14000		29.0	30.2	32.6	33.7	33.6	34.6	35.1	35.4	36.1	36.7	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3
GE 12000		29.0	30.2	32.6	33.7	33.6	34.6	35.1	35.4	36.1	36.7	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3
GE 10000		29.3	30.6	33.4	34.2	34.4	35.1	35.3	36.1	36.7	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9
GE 9000		29.5	30.7	33.6	34.5	34.6	35.3	35.9	36.7	36.9	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1
GE 8000		31.7	33.3	36.7	37.6	37.9	38.7	39.3	40.3	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5
GE 7000		32.0	33.7	37.1	38.1	38.3	39.2	39.7	40.7	40.7	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9
GE 6000		32.3	33.9	37.3	38.3	38.5	39.4	39.9	40.9	40.9	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1
GE 5000		33.9	35.6	39.4	40.6	40.6	41.6	42.3	42.9	43.3	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5
GE 4500		36.4	38.7	43.0	44.3	44.5	45.5	46.2	46.6	47.2	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
GE 4000		41.4	43.6	48.0	51.6	51.1	52.7	54.0	54.8	55.5	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
GE 3500		43.5	46.3	52.4	56.4	56.7	58.7	61.3	61.8	62.4	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
GE 3000		48.7	51.6	57.8	62.7	62.1	64.1	67.5	68.3	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
GE 2500		50.5	53.7	60.1	65.2	64.4	66.4	69.9	70.9	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
GE 2000		55.0	59.6	67.1	73.2	72.7	74.9	78.6	79.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE 1800		59.4	64.8	73.6	79.7	79.2	81.4	85.2	86.2	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 1600		67.8	72.7	82.6	88.6	88.4	90.6	94.6	95.6	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 1400		69.5	74.6	84.5	90.6	90.1	92.7	96.6	97.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 1200		70.2	75.6	85.1	91.2	90.6	93.2	97.1	98.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 1000		67.6	73.0	82.7	88.8	88.4	91.0	94.9	95.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 900		60.9	66.6	76.4	82.0	81.5	84.1	88.0	89.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 800		50.9	57.1	67.4	73.4	72.9	75.5	79.4	80.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
GE 600		41.4	48.3	58.1	64.1	63.6	66.2	70.1	71.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
GE 500		41.5	48.4	58.3	64.3	63.8	66.4	70.3	71.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
GE 400		41.5	48.4	58.3	64.3	63.8	66.4	70.3	71.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
GE 300		41.5	48.4	58.3	64.3	63.8	66.4	70.3	71.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
GE 200		41.5	48.4	58.3	64.3	63.8	66.4	70.3	71.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
GE 100		41.5	48.4	58.3	64.3	63.8	66.4	70.3	71.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
GE 01		41.5	48.4	58.3	64.3	63.8	66.4	70.3	71.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4

TOTAL NUMBER OF OBSERVATIONS: 144

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 015833 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 75--7  
MONTH: JAN POLARIS (LAT): 52-00-00

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	GT	GE	GF	GE	GF	GE	GF	GE	GF	GE	GF	GE	GF	GE	GF	GE	GF
FEET	100	90	80	60	40	40	20	20	10	10	10	10	10	10	10	10	10
NO CEIL		23.7	26.2	26.9	29.5	29.9	30.5	30.9	30.9	31.2	31.5	31.5	31.5	31.5	31.5	31.5	31.5
GE 20000		26.0	28.7	31.7	32.5	33.0	33.6	34.0	34.0	34.2	34.5	34.5	34.5	34.5	34.5	34.5	34.5
GE 18000		26.1	28.9	31.5	32.6	33.1	33.7	34.1	34.1	34.4	34.6	34.6	34.6	34.6	34.6	34.6	34.6
GE 16000		26.1	28.9	31.5	32.6	33.1	33.7	34.1	34.1	34.4	34.6	34.6	34.6	34.6	34.6	34.6	34.6
GE 14000		26.1	28.9	31.5	32.6	33.1	33.7	34.1	34.1	34.4	34.6	34.6	34.6	34.6	34.6	34.6	34.6
GE 12000		26.1	28.9	31.5	32.6	33.1	33.7	34.1	34.1	34.4	34.6	34.6	34.6	34.6	34.6	34.6	34.6
GE 10000		26.6	29.3	32.6	33.3	33.9	34.4	34.9	34.9	35.2	35.4	35.4	35.4	35.4	35.4	35.4	35.4
GE 9000		26.6	29.5	32.6	33.6	34.1	34.6	35.1	35.1	35.4	35.6	35.6	35.6	35.6	35.6	35.6	35.6
GE 8000		26.5	31.0	35.2	36.3	36.6	37.4	37.6	37.6	38.1	38.4	38.4	38.4	38.4	38.4	38.4	38.4
GE 7000		28.9	32.0	35.7	36.8	37.4	37.9	38.4	38.4	38.7	38.9	38.9	38.9	38.9	38.9	38.9	38.9
GE 6000		28.9	32.1	35.8	36.9	37.5	38.0	38.5	38.5	38.8	39.0	39.0	39.0	39.0	39.0	39.0	39.0
GE 5000		30.3	33.9	37.9	39.0	39.7	40.2	40.7	40.7	41.0	41.2	41.2	41.2	41.2	41.2	41.2	41.2
GE 4500		32.1	36.0	40.7	41.9	42.5	43.3	43.7	43.7	44.2	44.4	44.4	44.4	44.4	44.4	44.4	44.4
GE 4000		32.3	40.7	46.3	48.0	48.6	49.4	50.1	50.1	50.7	50.9	51.0	51.0	51.0	51.0	51.0	51.0
GE 3500		39.1	43.5	49.4	51.1	51.6	52.6	53.7	53.7	54.5	54.8	54.9	54.9	54.9	54.9	54.9	54.9
GE 3000		44.0	49.0	55.0	56.8	57.7	58.8	60.0	60.0	61.0	61.2	61.3	61.3	61.3	61.3	61.3	61.3
GE 2500		46.6	51.9	58.9	61.0	61.9	63.0	64.3	64.3	65.2	65.5	65.6	65.6	65.6	65.6	65.6	65.6
GE 2000		51.7	57.6	64.9	67.7	68.6	69.9	71.6	71.6	72.8	73.0	73.2	73.2	73.2	73.2	73.2	73.2
GE 1800		52.1	59.0	65.7	68.5	69.5	70.8	72.5	72.5	73.7	73.9	74.1	74.1	74.1	74.1	74.1	74.1
GE 1500		54.8	61.4	69.6	72.7	73.7	75.0	76.9	76.9	77.4	78.4	78.6	78.6	78.6	78.6	78.6	78.6
GE 1200		56.6	64.5	73.3	76.5	77.5	78.9	81.3	81.3	82.8	83.1	83.3	83.3	83.3	83.3	83.3	83.3
GE 1000		57.6	65.6	74.6	78.0	79.0	80.8	83.4	83.4	84.9	85.1	85.4	85.4	85.4	85.4	85.4	85.4
GE 900		57.9	66.0	75.3	78.6	79.7	81.4	84.3	84.3	85.8	86.0	86.2	86.2	86.2	86.2	86.2	86.2
GE 800		58.0	66.3	76.0	79.7	80.8	82.0	85.4	85.4	87.4	87.7	87.9	87.9	87.9	87.9	87.9	87.9
GE 700		58.1	66.6	76.2	80.1	81.2	82.5	86.4	86.4	88.4	88.4	88.6	88.6	88.6	88.6	88.6	88.6
GE 600		58.6	67.3	77.4	81.4	82.7	85.4	88.3	88.3	90.2	90.4	90.6	90.6	90.6	90.6	90.6	90.6
GE 500		58.7	67.4	77.5	82.0	83.4	86.2	89.3	89.3	91.4	91.6	91.8	91.8	91.8	91.8	91.8	91.8
GE 450		58.7	67.5	77.9	82.1	83.5	86.4	89.1	89.1	92.2	92.5	92.7	92.7	92.7	92.7	92.7	92.7
GE 400		58.7	67.5	77.9	82.1	83.5	86.7	89.6	89.6	92.3	92.6	92.9	92.9	92.9	92.9	92.9	92.9
GE 300		58.7	67.5	77.9	82.1	83.5	86.7	89.7	89.7	92.5	92.8	93.1	93.1	93.1	93.1	93.1	93.1
GE 200		58.7	67.5	77.9	82.1	83.5	86.7	89.7	89.7	92.5	92.8	93.1	93.1	93.1	93.1	93.1	93.1
GE 100		58.7	67.5	77.9	82.1	83.5	86.7	89.7	89.7	92.5	92.8	93.1	93.1	93.1	93.1	93.1	93.1
GE	1	58.7	67.5	77.9	82.1	83.5	86.7	89.7	89.7	92.5	92.8	93.1	93.1	93.1	93.1	93.1	93.1

TOTAL NUMBER OF OBSERVATIONS: 915

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM FOURLY OBSERVATIONS

STATION NUMBER: 035832 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 74-77  
MONTH: JAN HOURS (UTC): 1100-1100

CEILING IN FEET	GT 160	VISIBILITY IN HUNDREDS OF METERS															
		GE 90	GE 93	GE 63	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 6	GE 4	GE 3	GE 2
NO CEIL		11.4	24.2	26.7	27.9	28.1	29.7	29.0	29.0	29.0	29.0	29.2	29.2	29.3	29.3	29.3	29.3
GE 20000		24.5	27.8	31.1	32.5	32.7	33.3	33.7	33.7	33.7	33.7	33.9	33.9	33.9	34.0	34.0	34.0
GE 18000		24.5	27.8	31.1	32.5	32.7	33.3	33.7	33.7	33.7	33.7	33.9	33.9	33.9	34.0	34.0	34.0
GE 16000		24.5	27.8	31.1	32.5	32.7	33.3	33.7	33.7	33.7	33.7	33.9	33.9	33.9	34.0	34.0	34.0
GE 14000		24.5	27.8	31.1	32.5	32.7	33.3	33.7	33.7	33.7	33.7	33.9	33.9	33.9	34.0	34.0	34.0
GE 12000		24.5	27.8	31.1	32.5	32.7	33.3	33.7	33.7	33.7	33.7	33.9	33.9	33.9	34.0	34.0	34.0
GE 10000		26.2	30.2	32.8	35.2	35.4	36.1	36.4	36.4	36.4	36.4	36.6	36.6	36.6	36.7	36.7	36.7
GE 9000		27.0	30.9	34.5	36.0	36.2	36.6	37.2	37.2	37.2	37.2	37.4	37.4	37.4	37.5	37.5	37.5
GE 8000		29.2	33.3	37.5	39.0	39.5	40.1	40.4	40.4	40.4	40.4	40.5	40.5	40.5	40.6	40.6	40.6
GE 7000		29.8	34.1	38.6	40.1	40.5	41.2	41.5	41.5	41.5	41.5	41.9	41.9	41.9	42.0	42.0	42.0
GE 6000		30.2	34.4	38.9	40.4	40.9	41.5	41.9	41.9	41.9	42.0	42.2	42.2	42.2	42.3	42.3	42.3
GE 5000		30.4	34.9	39.3	41.1	41.6	42.4	42.7	42.7	42.7	42.7	43.1	43.1	43.1	43.2	43.2	43.2
GE 4500		33.0	38.1	44.3	46.6	47.3	48.2	48.5	48.5	48.5	48.7	49.0	49.0	49.0	49.1	49.1	49.1
GE 4000		36.8	42.0	49.2	52.1	52.7	53.9	54.5	54.8	55.2	55.5	55.5	55.5	55.5	55.6	55.6	55.6
GE 3500		40.4	45.6	52.6	56.0	56.5	57.7	58.7	59.0	59.4	59.4	60.0	60.0	60.0	60.1	60.1	60.1
GE 3000		44.0	49.6	57.2	61.1	61.7	63.2	64.8	65.4	66.2	66.7	66.7	66.7	66.7	66.8	66.8	66.8
GE 2500		45.9	51.9	60.2	64.4	65.1	66.6	68.3	69.9	69.7	70.2	70.2	70.2	70.2	70.3	70.3	70.3
GE 2000		49.0	55.4	64.7	68.9	69.6	71.4	73.7	74.5	75.7	76.2	76.2	76.2	76.2	76.3	76.3	76.3
GE 1800		49.6	56.1	65.5	69.6	70.4	72.1	74.5	75.4	76.6	77.0	77.0	77.0	77.0	77.2	77.2	77.2
GE 1500		51.0	57.9	68.2	72.7	73.7	75.5	77.1	77.5	78.4	78.9	79.4	79.4	79.4	79.5	79.5	79.5
GE 1200		52.8	59.8	70.1	75.3	76.4	78.5	81.4	82.6	83.8	84.4	84.5	84.5	84.5	84.7	84.7	84.7
GE 1000		53.6	60.8	71.3	76.4	77.7	80.2	83.6	85.0	86.4	87.1	87.2	87.2	87.2	87.4	87.5	87.5
GE 900		54.1	61.3	71.7	77.3	78.6	81.2	84.6	86.0	87.4	88.1	88.2	88.2	88.2	88.4	88.5	88.5
GE 800		54.3	61.5	72.2	77.6	79.2	82.2	85.7	87.1	88.5	89.2	89.4	89.4	89.4	89.6	89.7	89.7
GE 700		54.5	62.0	72.4	78.0	80.2	83.5	87.1	88.5	90.1	90.7	90.9	90.9	90.9	91.1	91.3	91.3
GE 600		54.6	62.2	73.4	79.3	81.2	84.7	88.5	89.9	91.5	92.1	92.3	92.3	92.3	92.5	92.7	92.7
GE 500		54.8	62.3	73.7	80.1	82.0	85.5	89.6	91.0	92.7	93.4	93.7	93.7	93.7	94.1	94.2	94.2
GE 400		54.8	62.3	73.8	80.2	82.1	85.6	89.9	91.6	93.4	94.2	94.4	94.4	94.4	94.6	94.7	94.7
GE 300		54.8	62.3	73.8	80.2	82.1	85.6	89.9	91.7	93.4	94.2	94.6	94.6	94.6	94.8	95.0	95.0
GE 200		54.8	62.3	73.8	80.2	82.1	85.6	89.9	91.7	93.4	94.2	94.6	94.6	94.6	94.8	95.0	95.0
GE 100		54.8	62.3	73.8	80.2	82.1	85.6	89.9	91.7	93.4	94.2	94.6	94.6	94.6	94.8	95.0	95.0
GE	LI	54.8	62.3	73.8	80.2	82.1	85.6	89.9	91.7	93.4	94.2	94.6	94.6	94.6	94.8	95.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 915

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 075833 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 78-87  
MONTH: JAN HOURS(UTC): 1200-1400

CEILING		VISIBILITY IN HUNDREDS OF METERS														
IN FEET	GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL		23.5	24.6	26.3	26.9	27.1	27.4	27.4	27.4	27.5	27.7	27.7	27.7	27.7	27.7	27.7
GE 20000		27.2	28.5	31.1	31.8	32.0	32.3	32.3	32.3	32.5	32.6	32.6	32.6	32.6	32.6	32.6
GE 18000		27.7	29.0	31.6	32.2	32.5	32.8	32.8	32.8	32.9	33.0	33.0	33.0	33.0	33.0	33.0
GE 16000		27.7	29.0	31.6	32.2	32.5	32.8	32.8	32.8	32.9	33.0	33.0	33.0	33.0	33.0	33.0
GE 14000		27.8	29.1	31.7	32.3	32.6	32.9	32.9	32.9	33.0	33.1	33.1	33.1	33.1	33.1	33.1
GE 12000		28.1	29.4	32.0	32.7	32.9	33.2	33.2	33.2	33.3	33.4	33.4	33.4	33.4	33.4	33.4
GE 10000		31.5	31.8	34.8	35.4	35.6	36.0	36.0	36.0	36.1	36.2	36.2	36.2	36.2	36.2	36.2
GE 9000		31.0	32.3	35.3	36.0	36.2	36.5	36.5	36.5	36.6	36.7	36.7	36.7	36.7	36.7	36.7
GE 8000		33.2	34.8	38.1	39.0	39.3	39.8	39.8	39.8	39.9	40.0	40.0	40.0	40.0	40.0	40.0
GE 7000		33.4	35.3	38.8	39.7	40.0	40.4	40.5	40.5	40.7	40.8	40.8	40.8	40.8	40.8	40.8
GE 6000		33.4	35.3	38.8	39.7	40.0	40.4	40.5	40.5	40.7	40.8	40.8	40.8	40.8	40.8	40.8
GE 5000		35.0	37.2	41.0	41.9	42.2	42.6	42.7	42.7	42.8	43.0	43.0	43.0	43.0	43.0	43.0
GE 4000		38.3	40.9	44.9	46.1	46.4	47.1	47.3	47.3	47.4	47.5	47.5	47.5	47.5	47.5	47.5
GE 4000		43.0	46.0	50.8	52.8	53.1	53.9	54.1	54.1	54.4	54.5	54.5	54.5	54.5	54.5	54.5
GE 3500		47.2	50.5	55.5	57.6	58.3	59.1	59.3	59.5	59.8	59.9	59.9	59.9	59.9	59.9	59.9
GE 3000		51.3	55.0	61.2	63.5	64.2	65.6	66.0	66.2	66.8	67.0	67.0	67.0	67.0	67.0	67.0
GE 2500		53.4	57.7	64.2	66.6	67.3	68.7	69.6	69.8	70.5	70.7	70.7	70.7	70.7	70.7	70.7
GE 2000		57.2	62.2	69.2	71.7	72.7	74.4	75.3	75.6	76.8	77.0	77.0	77.2	77.2	77.2	77.2
GE 1800		57.4	62.4	69.5	72.0	73.0	74.9	76.0	76.3	77.5	77.7	77.7	77.8	77.8	77.8	77.8
GE 1500		59.5	65.0	73.4	76.5	77.5	79.7	81.0	81.5	82.7	83.0	83.0	83.1	83.1	83.1	83.1
GE 1200		60.7	66.4	75.4	78.8	80.1	82.6	84.0	84.6	85.9	86.2	86.2	86.3	86.3	86.3	86.3
GE 1000		61.2	67.1	76.4	80.2	81.7	84.4	86.1	86.7	88.5	88.9	88.9	89.0	89.0	89.0	89.0
GE 900		61.3	67.3	76.6	80.5	82.1	84.7	86.6	87.1	89.1	89.4	89.4	89.5	89.5	89.5	89.5
GE 800		61.6	67.8	77.4	81.4	83.0	85.9	87.8	88.3	90.4	90.7	90.7	90.9	90.9	90.9	90.9
GE 700		62.0	68.2	78.0	82.3	83.9	87.1	89.2	89.7	91.8	92.2	92.2	92.5	92.5	92.5	92.5
GE 600		62.1	68.3	78.5	82.7	84.4	87.5	89.1	89.8	92.9	93.3	93.3	93.6	93.6	93.6	93.6
GE 500		62.1	68.3	78.7	83.1	84.7	88.2	91.3	92.2	94.4	94.9	94.9	95.1	95.1	95.1	95.1
GE 400		62.2	68.4	78.8	83.3	84.9	88.4	91.6	92.6	95.8	96.4	96.4	96.7	96.7	96.7	96.7
GE 300		62.2	68.4	78.8	83.3	84.9	88.4	91.6	92.6	95.8	96.4	96.4	96.7	96.7	96.7	96.7
GE 200		62.2	68.4	78.8	83.3	84.9	88.4	91.6	92.6	96.0	97.0	97.2	98.0	98.4	98.4	98.4
GE 100		62.2	68.4	78.8	83.3	84.9	88.4	91.6	92.6	96.0	97.0	97.3	98.1	98.5	98.9	100.0
GE	GT	62.2	68.4	78.8	83.3	84.9	88.4	91.6	92.6	96.0	97.0	97.3	98.1	98.5	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 915

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM FOURLY OBSERVATIONS

STATION NUMBER: 075833 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 75-67

MONTH: JAN HOURS(EST): 1500-1700

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL		22.4	24.1	25.5	25.7	26.1	26.8	27.2	27.2	27.4	27.5	27.5	27.5	27.5	27.5	27.5
GE 20000		25.1	27.4	29.7	29.9	30.5	31.4	31.7	31.7	32.0	32.1	32.1	32.1	32.1	32.1	32.1
GE 18000		25.2	27.5	29.8	30.0	30.6	31.5	31.8	31.8	32.1	32.2	32.2	32.2	32.2	32.2	32.2
GE 16000		25.2	27.5	29.8	30.0	30.6	31.5	31.8	31.8	32.1	32.2	32.2	32.2	32.2	32.2	32.2
GE 14000		25.2	27.5	29.9	30.1	30.6	31.6	32.0	32.0	32.2	32.3	32.3	32.3	32.3	32.3	32.3
GE 12000		25.3	27.6	30.0	30.2	30.9	31.7	32.1	32.1	32.3	32.4	32.4	32.4	32.4	32.4	32.4
GE 10000		27.6	30.1	32.8	33.0	33.7	34.6	34.9	34.9	35.1	35.2	35.2	35.2	35.2	35.2	35.2
GE 9000		28.2	31.0	33.9	34.1	34.6	35.7	36.0	36.0	36.2	36.3	36.3	36.3	36.3	36.3	36.3
GE 8000		21.6	34.7	37.9	38.6	39.4	40.2	40.6	40.6	40.8	40.9	40.9	40.9	40.9	40.9	40.9
GE 7000		22.1	35.2	38.6	39.3	40.0	40.9	41.2	41.2	41.4	41.5	41.5	41.5	41.5	41.5	41.5
GE 6000		22.3	35.4	38.9	39.6	40.3	41.2	41.5	41.5	41.8	41.9	41.9	41.9	41.9	41.9	41.9
GE 5000		23.2	36.3	40.1	40.9	41.8	42.6	43.0	43.0	43.2	43.3	43.3	43.3	43.3	43.3	43.3
GE 4500		25.4	38.9	43.2	43.9	44.6	45.7	46.2	46.2	46.6	46.7	46.7	46.7	46.7	46.7	46.7
GE 4000		29.8	43.8	49.2	50.4	51.4	52.2	52.9	53.0	53.3	53.5	53.5	53.5	53.5	53.5	53.5
GE 3500		42.4	46.6	52.3	53.5	54.6	55.6	56.4	56.5	56.8	57.0	57.0	57.0	57.0	57.0	57.0
GE 3000		49.2	53.8	59.9	61.1	62.3	63.6	64.6	65.1	65.6	65.9	65.9	65.9	65.9	65.9	65.9
GE 2500		52.9	59.1	65.0	66.7	67.4	69.2	70.3	70.9	71.4	71.6	71.6	71.6	71.6	71.6	71.6
GE 2000		56.5	62.2	69.5	71.4	72.6	74.5	76.2	76.9	77.6	78.0	78.0	78.0	78.0	78.0	78.0
GE 1800		56.9	62.6	70.2	72.2	73.5	75.4	77.1	77.8	78.5	78.8	78.8	78.8	78.8	78.8	78.8
GE 1500		59.1	65.3	75.2	78.1	79.4	81.2	83.0	83.8	84.5	84.8	84.8	84.8	84.8	84.8	84.8
GE 1200		59.7	66.3	77.4	80.4	81.9	84.0	85.9	86.8	87.9	88.2	88.2	88.2	88.2	88.2	88.2
GE 1000		59.9	66.6	78.4	81.6	83.2	85.6	87.7	88.9	90.3	90.6	90.6	90.6	90.6	90.6	90.6
GE 900		59.9	66.6	78.6	81.9	83.5	85.9	88.0	89.2	90.6	90.9	90.9	90.9	90.9	90.9	90.9
GE 800		59.9	66.6	78.7	82.1	83.8	86.4	88.4	89.6	91.3	91.6	91.7	91.7	91.7	91.7	91.7
GE 700		59.9	66.6	79.3	82.8	84.5	87.1	89.4	90.6	92.4	92.7	92.8	92.8	92.8	92.8	92.8
GE 600		60.1	66.8	79.8	83.5	85.4	88.1	91.2	92.4	94.3	94.7	94.8	94.8	94.8	94.8	94.8
GE 500		60.1	66.8	80.0	83.8	85.7	88.5	91.7	92.9	95.7	96.3	96.5	96.6	96.6	96.6	96.6
GE 400		60.2	67.0	80.2	83.9	85.8	88.8	92.0	93.3	96.2	96.8	97.2	97.3	97.3	97.3	97.3
GE 300		60.2	67.0	80.2	83.9	85.8	88.8	92.0	93.3	96.3	97.2	97.6	97.7	97.7	97.7	97.7
GE 200		60.2	67.0	80.2	83.9	85.8	88.8	92.0	93.3	96.3	97.2	97.6	97.7	97.7	97.7	97.7
GE 100		60.2	67.0	80.2	83.9	85.8	88.8	92.0	93.3	96.3	97.2	97.6	97.7	97.7	97.7	97.7
GE 0		60.2	67.0	80.2	83.9	85.8	88.8	92.0	93.3	96.3	97.2	97.6	97.7	97.7	97.7	97.7

TOTAL NUMBER OF OBSERVATIONS: 917

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 025831 STATION NAME: RAF LAKELHEATH UNITED KINGDOM

PERIOD OF RECORD: 78-87

MONTH: JAN HOURS (LST): 1800-2000

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GE 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	25.0	26.9	29.0	31.2	31.3	32.0	32.6	33.0	33.3	33.3	33.4	33.4	33.4	33.4	33.4	33.4
GE 20000	28.7	31.0	33.2	35.5	35.7	36.7	37.3	37.7	38.0	38.0	38.1	38.1	38.1	38.1	38.1	38.1
GE 18000	28.7	31.0	33.2	35.5	35.7	36.7	37.3	37.7	38.1	38.1	38.2	38.2	38.2	38.2	38.2	38.2
GE 16000	28.7	31.0	33.2	35.5	35.7	36.7	37.3	37.7	38.1	38.1	38.2	38.2	38.2	38.2	38.2	38.2
GE 14000	28.8	31.1	33.3	35.6	35.6	36.8	37.4	37.8	38.2	38.2	38.3	38.3	38.3	38.3	38.3	38.3
GE 12000	28.8	31.1	33.3	35.6	35.8	36.8	37.4	37.8	38.2	38.2	38.3	38.3	38.3	38.3	38.3	38.3
GE 10000	29.4	31.7	33.6	36.2	36.5	37.4	38.1	38.4	38.9	38.9	39.0	39.0	39.1	39.1	39.1	39.1
GE 9000	30.0	32.4	34.7	37.1	37.3	38.3	39.0	39.3	39.7	39.7	39.8	39.8	40.0	40.0	40.0	40.0
GE 8000	32.4	34.8	37.2	39.7	40.0	41.2	41.9	42.2	42.7	42.7	42.8	42.9	42.9	42.9	42.9	42.9
GE 7000	32.9	35.3	37.9	40.4	40.6	41.9	42.7	43.0	43.4	43.4	43.6	43.7	43.7	43.7	43.7	43.7
GE 6000	33.1	35.5	38.1	40.6	40.8	42.1	42.9	43.2	43.7	43.7	43.7	43.8	43.9	43.9	43.9	43.9
GE 5000	34.3	36.7	39.6	42.1	42.4	43.7	44.4	44.8	45.2	45.2	45.3	45.4	45.4	45.4	45.4	45.4
GE 4000	38.4	40.9	44.3	47.2	47.4	48.8	49.6	50.2	50.8	50.8	50.9	51.0	51.0	51.0	51.0	51.0
GE 3000	42.8	45.5	50.1	53.1	53.3	54.7	55.6	56.4	56.9	56.9	57.0	57.1	57.1	57.1	57.1	57.1
GE 2500	45.5	48.5	53.3	56.2	56.4	57.9	58.7	59.6	60.0	60.0	60.2	60.3	60.3	60.3	60.3	60.3
GE 2000	50.9	54.1	59.7	62.8	63.1	64.7	65.7	66.6	67.0	67.0	67.2	67.4	67.5	67.5	67.5	67.5
GE 1800	54.0	58.0	63.8	67.1	68.1	69.8	70.7	71.6	72.1	72.1	72.3	72.4	72.5	72.5	72.5	72.5
GE 1600	57.8	61.7	68.0	72.2	73.1	75.0	76.3	77.2	77.6	77.6	77.8	77.9	78.1	78.1	78.1	78.1
GE 1400	58.1	62.2	68.6	72.7	73.7	75.7	77.0	77.8	78.3	78.3	78.5	78.7	78.7	78.7	78.7	78.7
GE 1200	61.0	65.8	72.9	77.6	78.6	80.9	82.9	83.7	84.2	84.2	84.4	84.5	84.6	84.6	84.6	84.6
GE 1000	62.3	67.5	75.2	80.5	81.4	84.5	86.6	87.4	87.9	87.9	88.1	88.3	88.4	88.4	88.4	88.4
GE 900	62.4	67.6	76.0	81.7	82.6	85.8	87.9	88.8	89.2	89.4	89.4	89.6	89.7	89.7	89.7	89.7
GE 800	62.8	67.9	76.3	82.0	83.0	86.1	88.2	89.1	89.5	89.7	89.7	90.0	90.1	90.1	90.1	90.1
GE 700	63.6	68.6	77.5	83.3	84.4	87.7	89.7	90.6	91.0	91.4	91.4	91.6	91.7	91.7	91.7	91.7
GE 600	63.6	69.0	78.1	84.0	85.0	88.5	90.9	92.0	92.5	92.8	93.0	93.1	93.1	93.1	93.1	93.1
GE 500	63.6	69.1	78.5	84.9	86.0	89.7	92.8	94.1	94.5	95.0	95.3	95.4	95.4	95.4	95.4	95.4
GE 400	63.8	69.2	78.7	85.2	86.5	90.6	93.7	95.1	95.6	96.1	96.5	96.6	96.6	96.6	96.6	96.6
GE 300	63.8	69.2	78.8	85.3	86.6	90.7	93.9	95.4	96.3	96.9	97.4	97.5	97.5	97.5	97.5	97.5
GE 200	63.8	69.2	78.8	85.3	86.6	90.7	94.0	95.5	96.6	97.3	97.7	98.1	98.3	98.3	98.3	98.3
GE 100	63.8	69.2	78.8	85.3	86.6	90.7	94.0	95.5	96.6	97.3	97.7	98.1	98.3	98.3	98.3	98.3
GE 0	63.8	69.2	78.8	85.3	86.6	90.7	94.0	95.5	96.6	97.3	97.7	98.1	98.3	98.3	98.3	98.3

TOTAL NUMBER OF OBSERVATIONS: 916

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 015833 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 74-77  
MONTH: JAN HOURS(EST): 1007-2 10

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	FEET	GT 160	GE 90	GE 93	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	1		26.9	27.7	29.7	31.2	31.6	33.0	33.7	33.9	34.1	34.1	34.3	34.5	34.7	34.9	35.1
GE 20000			10.0	31.3	33.4	35.1	35.6	37.0	37.7	37.9	38.1	38.1	38.3	38.7	38.8	38.9	39.1
GE 18000			10.0	31.3	33.4	35.1	35.6	37.0	37.7	37.9	38.1	38.1	38.3	38.7	38.8	38.9	39.1
GE 16000			10.0	31.3	33.4	35.1	35.6	37.0	37.7	37.9	38.1	38.1	38.3	38.7	38.8	38.9	39.1
GE 14000			10.1	31.4	33.6	35.2	35.7	37.1	37.8	38.0	38.2	38.2	38.5	38.8	38.9	39.0	39.2
GE 12000			10.1	31.4	33.6	35.2	35.7	37.1	37.8	38.0	38.2	38.2	38.5	38.8	38.9	39.0	39.2
GE 10000			10.5	31.6	34.0	35.6	36.2	37.6	38.2	38.5	38.7	38.7	38.9	39.2	39.3	39.4	39.6
GE 9000			10.7	32.0	34.2	35.8	36.4	37.8	38.6	38.8	39.0	39.0	39.2	39.5	39.7	39.8	40.0
GE 8000			13.9	35.2	37.4	39.2	39.8	41.2	41.9	42.2	42.4	42.4	42.6	42.9	43.0	43.1	43.3
GE 7000			15.6	36.3	38.7	40.6	41.2	42.6	43.4	43.6	43.8	43.8	44.0	44.3	44.4	44.5	44.7
GE 6000			15.6	36.9	39.3	41.3	41.8	43.2	44.0	44.2	44.4	44.4	44.7	45.0	45.1	45.2	45.4
GE 5000			16.2	37.5	40.1	42.0	42.6	44.2	45.0	45.2	45.5	45.5	45.8	46.1	46.2	46.3	46.5
GE 4500			19.3	40.8	43.9	46.4	46.9	48.7	49.5	49.9	50.2	50.2	50.4	50.8	50.9	51.1	51.3
GE 4000			44.2	46.0	49.8	52.5	53.2	55.0	55.9	56.3	56.6	56.6	56.9	57.2	57.3	57.5	57.7
GE 3500			47.9	49.4	53.8	56.8	57.5	59.4	60.2	60.8	61.1	61.1	61.3	61.7	61.8	62.0	62.3
GE 3000			54.2	56.5	61.0	64.2	65.0	67.1	68.0	68.5	69.0	69.0	69.3	69.6	69.7	70.0	70.3
GE 2500			56.5	59.3	64.5	68.0	68.8	70.9	71.4	72.4	72.9	72.9	73.2	73.5	73.6	73.7	74.0
GE 2000			58.1	61.2	67.2	71.0	72.0	74.1	75.1	75.6	76.0	76.0	76.4	76.7	76.8	77.1	77.4
GE 1800			58.9	62.4	68.5	72.3	73.3	75.4	76.4	76.9	77.3	77.3	77.7	78.0	78.1	78.4	78.7
GE 1500			61.0	66.0	73.1	77.0	78.0	80.4	81.6	82.4	82.7	82.8	83.1	83.4	83.5	83.8	84.1
GE 1200			62.5	68.3	76.5	80.8	81.9	84.6	86.3	87.0	87.5	87.5	87.8	88.1	88.2	88.5	88.8
GE 1000			62.6	68.5	77.2	82.0	83.1	86.2	88.0	88.8	89.2	89.2	89.5	89.8	89.9	90.2	90.5
GE 900			63.4	69.3	78.1	83.0	84.1	87.1	89.0	89.8	90.2	90.2	90.5	90.8	90.9	91.2	91.5
GE 800			63.5	69.4	78.6	83.6	84.6	87.7	89.7	90.4	90.8	90.8	91.2	91.5	91.6	91.9	92.2
GE 700			63.5	69.5	78.9	84.3	85.4	88.6	90.6	91.4	91.8	91.8	92.2	92.5	92.6	92.9	93.2
GE 600			63.6	69.6	79.1	84.7	85.8	89.1	91.6	92.4	92.8	92.8	93.1	93.5	93.6	93.9	94.2
GE 500			63.7	69.7	79.2	85.0	86.1	89.4	92.0	92.8	93.2	93.2	93.5	93.8	94.1	94.4	94.7
GE 400			63.7	69.8	79.3	85.4	86.5	89.7	92.6	93.4	93.8	93.8	94.1	94.4	94.7	95.0	95.3
GE 300			63.7	69.8	79.6	85.5	86.6	89.8	92.6	93.4	93.8	93.8	94.1	94.4	94.7	95.0	95.3
GE 200			63.7	69.8	79.6	85.5	86.6	89.8	92.6	93.4	93.8	93.8	94.1	94.4	94.7	95.0	95.3
GE 100			63.7	69.8	79.6	85.5	86.6	89.8	92.6	93.4	93.8	93.8	94.1	94.4	94.7	95.0	95.3
GE 0			63.7	69.8	79.6	85.5	86.6	89.8	92.6	93.4	93.8	93.8	94.1	94.4	94.7	95.0	95.3

TOTAL NUMBER OF OBSERVATIONS: 928



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035833 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 75-YR  
MONTH: JAN HOURS(DST): ALL

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GE 160	GE 90	GE 90	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 6	GE 4	GE 0
NO CEIL		24.6	26.2	28.3	29.3	29.6	30.4	30.9	31.0	31.3	31.4	31.5	31.5	31.6	31.7	31.8
GE 20000		27.5	29.5	32.1	33.2	33.6	34.4	34.9	35.0	35.3	35.4	35.5	35.6	35.7	35.8	35.9
GE 18000		27.6	29.6	32.2	33.3	33.7	34.5	35.0	35.1	35.4	35.5	35.6	35.7	35.8	35.9	36.0
GE 16000		27.6	29.6	32.2	33.3	33.7	34.5	35.0	35.1	35.4	35.5	35.6	35.7	35.8	35.9	36.0
GE 14000		27.7	29.6	32.3	33.4	33.7	34.6	35.0	35.2	35.5	35.6	35.7	35.7	35.8	35.9	36.0
GE 12000		27.7	29.7	32.3	33.4	33.8	34.6	35.1	35.2	35.5	35.7	35.7	35.8	35.9	36.0	36.1
GE 10000		28.8	30.9	33.7	34.8	35.2	36.0	36.5	36.6	37.0	37.1	37.1	37.2	37.3	37.4	37.5
GE 9000		29.2	31.4	34.2	35.3	35.7	36.6	37.0	37.2	37.5	37.6	37.7	37.8	37.9	38.0	38.1
GE 8000		31.7	34.0	37.2	38.5	38.9	39.8	40.3	40.4	40.8	40.9	41.0	41.1	41.2	41.3	41.4
GE 7000		32.3	34.7	38.0	39.3	39.8	40.7	41.2	41.3	41.7	41.8	41.9	42.0	42.1	42.2	42.3
GE 6000		32.5	35.0	38.3	39.6	40.1	41.0	41.5	41.6	42.0	42.1	42.1	42.2	42.3	42.4	42.5
GE 5000		33.6	36.2	39.6	41.2	41.7	42.7	43.2	43.3	43.7	43.8	43.9	44.0	44.1	44.2	44.3
GE 4000		36.4	39.5	43.7	45.4	45.9	47.0	47.5	47.8	48.2	48.3	48.4	48.5	48.6	48.7	48.8
GE 4000		41.1	44.5	49.6	51.9	52.4	53.7	54.4	54.7	55.2	55.3	55.4	55.5	55.6	55.7	55.8
GE 3000		44.2	47.7	53.2	55.4	56.0	57.4	58.3	58.6	59.1	59.3	59.4	59.5	59.6	59.7	59.8
GE 3000		49.3	53.2	59.2	61.6	62.3	64.0	65.1	65.5	66.2	66.4	66.5	66.6	66.7	66.8	66.9
GE 2000		51.8	56.2	62.7	65.3	66.1	67.8	69.0	69.4	70.2	70.4	70.5	70.6	70.7	70.8	70.9
GE 2000		55.2	60.2	67.4	70.5	71.4	73.4	74.9	75.4	76.3	76.5	76.7	76.8	76.9	77.0	77.1
GE 1500		55.6	60.8	68.2	71.3	72.2	74.2	75.7	76.2	77.1	77.3	77.5	77.6	77.7	77.8	77.9
GE 1500		57.9	63.6	71.9	75.4	76.3	78.5	80.2	80.9	81.6	82.0	82.1	82.3	82.4	82.5	82.6
GE 1200		59.5	65.6	74.7	78.5	79.5	82.0	84.0	84.7	85.7	86.0	86.1	86.3	86.4	86.5	86.6
GE 1000		60.0	66.3	75.7	79.8	80.9	83.6	85.9	86.6	87.8	88.0	88.2	88.3	88.4	88.5	88.6
GE 900		60.3	66.7	76.2	80.3	81.4	84.2	86.5	87.2	88.4	88.7	88.9	89.0	89.1	89.2	89.3
GE 800		60.6	67.1	76.8	81.1	82.3	85.2	87.6	88.3	89.6	89.8	90.0	90.1	90.2	90.3	90.4
GE 700		60.7	67.4	77.4	81.9	83.1	86.2	88.7	89.5	90.7	91.0	91.2	91.3	91.4	91.5	91.6
GE 600		60.9	67.7	77.9	82.6	83.9	87.2	90.0	90.9	92.2	92.5	92.7	92.8	92.9	93.0	93.1
GE 500		61.0	67.7	78.2	83.0	84.4	87.8	90.8	91.8	93.2	93.6	93.9	94.0	94.1	94.2	94.3
GE 400		61.0	67.8	78.3	83.2	84.6	88.2	91.4	92.5	94.2	94.6	94.9	95.1	95.4	95.6	95.9
GE 300		61.0	67.8	78.4	83.3	84.7	88.3	91.7	92.8	94.6	95.1	95.5	95.8	96.0	96.3	96.6
GE 200		61.0	67.8	78.4	83.3	84.7	88.3	91.7	92.8	94.6	95.1	95.5	95.8	96.0	96.3	96.6
GE 100		61.0	67.8	78.4	83.3	84.7	88.3	91.7	92.8	94.6	95.1	95.5	95.8	96.0	96.3	96.6
GE 0		61.0	67.8	78.4	83.3	84.7	88.3	91.7	92.8	94.6	95.1	95.5	95.8	96.0	96.3	100.0

TOTAL NUMBER OF OBSERVATIONS: 7325

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 075837 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 74-87  
MONTH: FEB HOURS/SET: 0000-0000

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	1	11.0	23.8	27.0	29.4	29.4	30.8	30.9	30.9	31.1	31.2	31.2	31.2	31.3	31.5	31.5
GE 20000		22.9	26.0	29.5	32.6	32.7	34.3	34.5	34.5	34.6	34.8	34.8	34.8	34.9	35.4	35.4
GE 18000		22.9	26.0	29.5	32.6	32.7	34.3	34.5	34.5	34.6	34.8	34.8	34.8	34.9	35.4	35.4
GE 16000		22.9	26.0	29.5	32.6	32.7	34.3	34.5	34.5	34.6	34.8	34.8	34.8	34.9	35.4	35.4
GE 14000		22.9	26.0	29.5	32.6	32.7	34.3	34.5	34.5	34.6	34.8	34.8	34.8	34.9	35.4	35.4
GE 12000		23.1	26.2	29.6	32.7	32.9	34.4	34.6	34.6	34.8	34.9	34.9	34.9	35.0	35.5	35.5
GE 10000		24.5	27.6	31.4	34.6	34.6	36.3	36.6	36.6	36.7	36.8	36.8	36.8	36.9	37.4	37.4
GE 9000		24.6	27.7	31.5	34.8	34.9	36.4	36.7	36.7	36.8	36.9	36.9	36.9	37.0	37.5	37.5
GE 8000		27.6	31.3	35.4	38.6	38.8	40.4	40.6	40.6	40.7	40.9	40.9	40.9	41.0	41.5	41.5
GE 7000		28.2	32.3	36.3	39.7	39.7	41.5	41.7	41.7	41.8	41.9	41.9	41.9	42.1	42.5	42.5
GE 6000		28.3	32.5	36.6	39.9	40.1	41.7	41.9	41.9	42.1	42.2	42.2	42.2	42.3	42.8	42.8
GE 5000		29.0	33.3	37.5	40.9	41.1	43.0	43.2	43.2	43.4	43.5	43.5	43.5	43.6	44.1	44.1
GE 4500		29.4	37.2	41.6	45.4	45.9	48.1	48.4	48.4	48.5	48.6	48.6	48.6	48.7	49.2	49.2
GE 4000		29.8	40.7	45.5	49.7	50.4	53.0	53.3	53.3	53.4	53.5	53.5	53.5	53.6	54.1	54.1
GE 3500		29.5	44.8	49.7	54.6	55.3	58.8	59.0	59.1	59.3	59.4	59.4	59.4	59.5	60.0	60.0
GE 3000		43.1	49.9	54.2	59.5	60.6	64.4	64.9	65.0	65.1	65.2	65.2	65.2	65.4	65.8	65.8
GE 2500		46.1	52.0	57.5	63.2	64.3	68.2	68.7	68.8	68.9	69.1	69.1	69.1	69.2	69.7	69.7
GE 2000		49.8	56.4	62.6	68.8	70.1	74.4	74.4	74.5	74.6	74.9	74.9	74.9	75.1	75.6	75.6
GE 1800		50.1	56.8	63.3	69.5	70.8	75.3	76.2	76.3	76.6	76.8	76.8	76.8	77.1	77.5	77.5
GE 1600		51.5	59.1	66.1	72.3	73.7	78.1	78.1	78.2	78.5	78.7	78.7	78.7	78.9	79.4	79.4
GE 1200		52.9	60.6	68.0	74.2	75.6	80.9	81.6	81.7	82.3	82.6	82.6	82.6	82.8	83.3	83.4
GE 1000		52.2	61.2	69.2	75.7	77.3	83.2	84.2	84.3	84.7	85.2	85.2	85.2	85.4	85.9	86.0
GE 900		53.3	61.4	69.9	76.7	78.3	84.1	85.2	85.3	85.7	86.1	86.1	86.1	86.3	86.9	87.0
GE 800		53.3	61.6	70.4	77.2	78.9	84.7	86.1	86.3	86.6	87.1	87.1	87.1	87.2	87.8	87.9
GE 700		53.8	62.5	71.2	78.2	79.7	85.8	87.2	87.5	87.8	88.7	88.7	88.7	88.9	89.0	89.1
GE 600		53.8	62.6	71.6	78.5	80.2	86.5	87.7	88.1	88.6	89.4	89.4	89.4	89.5	90.1	90.2
GE 500		54.4	63.3	72.9	80.4	82.2	89.5	91.2	91.6	92.7	93.4	93.4	93.4	93.6	94.3	94.4
GE 400		54.5	63.6	73.2	80.9	82.7	89.7	91.9	92.4	93.4	94.5	94.5	94.5	94.6	95.3	95.5
GE 300		54.5	63.6	73.2	80.9	82.7	89.7	92.1	92.7	94.4	95.1	95.1	95.1	95.7	96.3	96.5
GE 200		54.5	63.6	73.2	80.9	82.7	89.7	92.1	92.7	94.4	95.1	95.1	95.1	95.7	96.3	96.5
GE 100		54.5	63.6	73.2	80.9	82.7	89.7	92.1	92.7	94.4	95.1	95.1	95.1	95.7	96.3	96.5
GE	0	54.5	63.6	73.2	80.9	82.7	89.7	92.1	92.7	94.4	95.1	95.1	95.1	95.7	96.3	100.0

TOTAL NUMBER OF OBSERVATIONS: 937

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: Q35R33 STATION NAME: RAF LAKEWORTH UNITED KINGDOM

PERIOD OF RECORD: 74-87  
MONTH: FEB HOURS(UTC): Q350-0500

CEILING		VISIBILITY IN HUNDREDS OF METERS														
IN FEET	GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 9	GE 5	GE 4	GE 3
NO CEIL		20.1	23.4	26.9	27.8	28.1	30.6	30.9	30.9	30.9	30.9	30.9	30.9	30.9	31.2	31.4
GE 20000		22.5	26.2	30.5	31.7	31.9	34.9	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.7	36.0
GE 18000		22.5	26.2	30.5	31.7	31.9	34.9	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.7	36.0
GE 16000		22.5	26.2	30.5	31.7	31.9	34.9	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.7	36.0
GE 14000		22.5	26.2	30.5	31.7	31.9	34.9	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.7	36.0
GE 12000		22.6	26.4	30.7	31.9	32.1	35.1	35.5	35.5	35.5	35.5	35.5	35.5	35.5	36.0	36.2
GE 10000		23.7	27.6	32.1	33.3	33.6	36.6	36.9	36.9	36.9	36.9	36.9	36.9	36.9	37.4	37.6
GE 9000		24.5	28.4	33.0	34.2	34.4	37.4	37.8	37.8	37.8	37.8	37.8	37.8	37.8	38.2	38.5
GE 8000		26.8	31.1	36.0	37.2	37.4	40.4	40.7	40.7	40.7	40.7	40.7	40.7	40.7	41.2	41.6
GE 7000		27.5	32.1	37.0	38.2	38.5	41.5	41.8	41.8	41.8	41.8	41.8	41.8	41.8	42.3	42.5
GE 6000		27.5	32.1	37.0	38.2	38.5	41.5	41.8	41.8	41.8	41.8	41.8	41.8	41.8	42.3	42.5
GE 5000		28.0	33.0	38.1	39.3	39.5	42.8	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.6	43.8
GE 4500		30.5	36.0	41.0	42.8	43.1	46.4	46.7	46.7	46.7	46.7	46.7	46.7	46.7	47.2	47.4
GE 4000		33.3	39.4	46.0	47.2	47.6	51.1	51.5	51.9	51.9	51.9	51.9	51.9	51.9	52.3	52.8
GE 3500		37.0	43.5	51.1	52.6	53.0	57.1	57.5	57.8	57.8	57.8	57.8	57.8	57.8	58.3	58.5
GE 3000		40.5	47.8	56.0	57.6	58.3	62.6	63.0	63.3	63.3	63.3	63.3	63.3	63.3	63.8	64.0
GE 2500		43.0	50.3	58.5	60.5	61.5	65.9	66.3	66.7	66.7	66.7	66.7	66.7	66.7	67.1	67.4
GE 2000		47.3	56.0	65.0	67.0	68.1	72.9	74.2	74.6	74.6	74.6	74.6	74.6	74.6	75.1	75.5
GE 1800		47.4	56.3	65.6	67.6	68.7	73.5	75.0	75.4	75.4	75.4	75.4	75.4	75.4	75.9	76.3
GE 1600		49.1	57.9	67.9	69.9	71.0	76.3	78.0	78.4	78.4	78.4	78.4	78.4	78.4	79.1	79.3
GE 1400		49.7	58.7	69.9	72.2	73.5	79.2	81.0	81.5	81.6	81.6	81.6	81.6	81.6	82.3	82.6
GE 1200		50.1	59.3	70.7	73.6	75.0	81.4	83.0	83.5	83.6	83.6	83.6	83.6	83.6	84.3	84.6
GE 1000		50.1	59.5	71.6	74.6	76.2	82.6	84.2	84.7	84.7	84.7	84.7	84.7	84.7	85.4	85.8
GE 900		50.3	60.1	72.3	76.0	77.5	84.0	85.0	86.5	87.1	87.3	87.3	87.3	87.3	87.9	88.1
GE 800		50.4	60.3	72.9	76.6	78.1	84.9	87.0	87.7	88.2	88.4	88.4	88.4	88.4	89.1	89.3
GE 700		50.7	60.6	73.2	77.2	78.7	85.5	87.6	88.3	88.6	89.0	89.0	89.0	89.0	89.6	89.7
GE 600		50.8	60.8	73.7	77.8	79.3	86.4	89.2	90.3	90.9	91.2	91.2	91.2	91.2	91.8	91.9
GE 500		50.8	60.8	73.7	78.0	79.8	86.9	90.0	91.0	92.4	93.1	93.2	93.3	93.3	93.9	94.0
GE 400		50.8	60.8	73.7	78.1	79.9	87.3	90.4	91.6	93.7	94.1	94.5	95.0	95.6	96.3	96.4
GE 300		50.8	60.8	73.7	78.1	79.9	87.3	90.4	91.6	93.9	94.5	95.0	95.6	96.3	96.4	96.4
GE 200		50.8	60.8	73.7	78.1	79.9	87.3	90.4	91.6	93.9	94.5	95.0	95.6	96.3	96.4	96.4
GE 100		50.8	60.8	73.7	78.1	79.9	87.3	90.4	91.6	93.9	94.5	95.0	95.6	96.3	96.4	96.4
GE 0		50.8	60.8	73.7	78.1	79.9	87.3	90.4	91.6	93.9	94.5	95.0	95.6	96.3	96.4	96.4

TOTAL NUMBER OF OBSERVATIONS: 437

GLOBAL CLIMATOLOGY BRANCH  
LSAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM TOLPLY OBSERVATIONS

STATION NUMBER: 025837 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 78-87

MONTH: FEB

HOURS(151): 0500-0600

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN FEET		160	90	80	60	40	40	32	24	20	16	12	10	8	5	4	0
NO	CEIL	1															
			17.6	20.7	23.8	26.4	26.9	29.0	30.5	30.7	31.1	31.1	31.2	31.2	31.3	31.7	31.9
GE	20000		20.4	24.5	27.7	30.6	31.1	33.3	35.1	35.4	35.7	35.7	35.8	35.9	36.0	36.4	36.7
GE	18000		20.4	24.5	27.7	30.6	31.1	33.3	35.1	35.4	35.7	35.7	35.8	35.9	36.0	36.4	36.7
GE	16000		20.4	24.5	27.7	30.6	31.1	33.3	35.1	35.4	35.7	35.7	35.8	35.9	36.0	36.4	36.7
GE	14000		20.4	24.5	27.7	30.6	31.1	33.3	35.1	35.4	35.7	35.7	35.8	35.9	36.0	36.4	36.7
GE	12000		20.5	24.6	27.6	30.7	31.2	33.5	35.2	35.5	35.8	35.9	36.0	36.0	36.1	36.6	36.8
GE	10000		21.3	25.3	28.6	31.4	31.9	34.2	36.0	36.2	36.6	36.6	36.7	36.7	36.8	37.3	37.5
GE	9000		22.0	26.3	29.5	32.4	32.9	35.1	36.9	37.2	37.5	37.5	37.6	37.6	37.6	38.2	38.5
GE	8000		23.8	28.2	31.8	34.9	35.4	37.6	39.6	39.6	40.1	40.1	40.3	40.3	40.4	40.9	41.1
GE	7000		24.3	29.0	32.9	36.1	36.6	38.8	40.7	41.0	41.3	41.3	41.5	41.5	41.6	42.1	42.3
GE	6000		24.4	29.2	33.0	36.2	36.7	38.9	40.9	41.1	41.5	41.5	41.6	41.6	41.7	42.2	42.4
GE	5000		25.3	30.6	35.1	38.4	38.8	41.2	43.1	43.4	43.7	43.7	43.8	43.8	44.0	44.4	44.7
GE	4000		26.9	32.3	37.0	40.5	41.0	43.4	45.3	45.5	45.9	46.1	46.5	46.5	46.6	47.1	47.3
GE	3000		30.3	36.0	41.3	45.2	45.8	48.6	51.0	51.4	51.7	52.0	52.3	52.3	52.4	52.9	53.2
GE	2000		34.2	40.0	46.4	50.4	51.0	54.0	56.4	56.8	57.1	57.5	57.9	57.9	58.1	58.5	58.8
GE	1000		37.5	43.7	50.7	55.0	55.6	58.9	61.5	61.9	62.2	62.6	63.2	63.2	63.3	63.8	64.0
GE	2000		39.1	45.9	53.0	57.5	58.5	61.9	64.5	64.9	65.2	65.6	66.2	66.2	66.3	66.8	67.0
GE	2000		42.2	50.1	58.2	63.1	64.5	68.1	71.2	71.8	72.2	72.5	73.2	73.2	73.4	73.8	74.1
GE	1800		42.5	50.4	58.8	63.8	65.4	69.2	72.3	73.0	73.4	73.7	74.4	74.4	74.6	75.0	75.3
GE	1500		43.5	51.6	60.2	65.6	67.5	71.7	75.6	76.6	77.1	77.7	78.4	78.4	78.5	79.0	79.2
GE	1000		44.2	52.4	61.3	66.9	68.8	73.4	77.5	78.7	79.3	80.0	80.8	80.8	80.9	81.4	81.6
GE	1000		44.6	52.8	61.9	67.4	69.5	74.4	79.0	80.2	80.8	81.5	82.2	82.2	82.3	82.8	83.0
GE	900		44.8	53.3	62.5	68.7	70.8	76.0	80.5	81.7	82.3	83.0	83.8	83.8	83.9	84.3	84.6
GE	800		45.4	54.1	63.8	70.3	72.4	77.7	82.3	83.6	84.2	84.9	85.7	85.7	85.8	86.3	86.5
GE	700		45.5	54.4	64.0	71.2	73.4	79.0	83.6	84.9	85.6	86.7	87.5	87.5	87.6	88.1	88.3
GE	600		45.6	54.6	64.2	71.8	74.0	79.8	84.7	86.1	87.3	88.3	89.0	89.0	89.1	89.6	89.8
GE	500		45.8	54.8	65.2	72.4	74.6	81.4	87.3	89.1	90.6	91.5	92.4	92.5	92.6	93.1	93.3
GE	400		45.8	54.8	65.2	72.5	74.9	81.6	87.9	89.7	91.3	92.5	93.3	93.4	93.5	94.0	94.4
GE	300		45.8	54.8	65.2	72.5	74.9	81.6	87.9	89.7	91.3	92.5	93.3	93.4	93.5	94.0	94.4
GE	200		45.8	54.8	65.2	72.5	74.9	81.7	88.1	90.1	92.5	93.8	94.9	95.1	95.6	96.5	97.6
GE	100		45.8	54.8	65.2	72.5	74.9	81.7	88.1	90.1	92.5	93.8	94.9	95.1	95.6	96.9	99.0

TOTAL NUMBER OF OBSERVATIONS: 857

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035833 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 78-87  
MONTH: FEB HOURS(IST): 0900-1100

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	GT	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET	1	90	80	60	40	40	32	24	20	16	12	10	8	5	4	0	0
NO CEIL	1	15.5	17.9	21.7	24.4	24.6	25.4	26.3	26.3	26.4	26.4	26.4	26.4	26.5	26.5	26.5	26.5
GE 20000		18.6	22.0	27.1	30.8	31.2	32.6	33.6	33.6	33.7	33.7	33.7	33.7	33.8	33.8	33.8	33.8
GE 18000		19.1	22.5	27.6	31.3	31.7	33.1	34.3	34.3	34.4	34.4	34.4	34.4	34.5	34.5	34.5	34.5
GE 16000		19.1	22.5	27.6	31.3	31.7	33.1	34.3	34.3	34.4	34.4	34.4	34.4	34.5	34.5	34.5	34.5
GE 14000		19.1	22.5	27.6	31.3	31.7	33.1	34.3	34.3	34.4	34.4	34.4	34.4	34.5	34.5	34.5	34.5
GE 12000		19.1	22.5	27.6	31.3	31.7	33.1	34.3	34.3	34.4	34.4	34.4	34.4	34.5	34.5	34.5	34.5
GE 10000		20.1	23.8	28.9	32.6	33.0	34.4	35.6	35.6	35.7	35.7	35.7	35.7	35.8	35.8	35.8	35.8
GE 9000		20.2	24.4	29.5	33.2	33.6	35.0	36.2	36.2	36.3	36.3	36.3	36.3	36.4	36.4	36.4	36.4
GE 8000		22.6	26.9	32.7	36.9	37.4	38.8	40.1	40.1	40.3	40.3	40.3	40.3	40.4	40.4	40.4	40.4
GE 7000		23.4	28.1	34.4	38.6	39.2	41.0	42.4	42.4	42.5	42.5	42.5	42.5	42.7	42.7	42.7	42.7
GE 6000		23.5	28.2	34.5	38.7	39.3	41.1	42.7	42.7	42.8	42.8	42.8	42.8	42.9	42.9	42.9	42.9
GE 5000		24.0	28.7	36.1	40.3	40.9	42.9	44.4	44.4	44.6	44.6	44.6	44.6	44.7	44.7	44.7	44.7
GE 4500		25.6	30.3	38.0	42.3	42.9	45.2	47.1	47.1	47.3	47.3	47.3	47.3	47.6	47.6	47.6	47.6
GE 4000		30.6	35.5	43.7	48.3	48.9	51.3	53.5	53.5	53.8	53.8	54.0	54.0	54.1	54.1	54.1	54.1
GE 3500		32.7	37.8	46.4	50.9	51.5	54.0	56.4	56.4	56.9	57.1	57.7	57.7	57.8	57.8	57.8	57.8
GE 3000		36.6	41.7	51.0	55.6	56.2	59.1	61.8	61.8	62.7	63.0	63.6	63.6	63.7	63.7	63.7	63.7
GE 2500		38.5	44.0	53.6	58.5	59.3	62.6	65.6	65.6	66.5	66.8	67.4	67.4	67.5	67.5	67.5	67.5
GE 2000		40.7	46.8	57.3	63.3	64.2	67.7	71.0	71.0	72.0	72.3	72.9	72.9	73.0	73.0	73.0	73.0
GE 1800		40.9	47.1	57.8	63.9	64.9	68.5	71.7	71.7	72.4	72.7	73.6	73.6	73.7	73.7	73.7	73.7
GE 1500		42.7	49.1	60.3	66.7	67.9	72.8	76.1	76.1	77.4	77.9	78.6	78.6	78.6	78.6	78.6	78.6
GE 1200		43.4	50.1	61.9	69.6	69.9	75.1	79.2	79.2	80.6	81.5	82.1	82.1	82.3	82.4	82.4	82.4
GE 1000		43.7	50.4	62.6	69.5	71.0	76.3	80.5	80.6	82.2	82.9	83.5	83.5	83.9	83.9	83.9	83.9
GE 900		44.3	51.0	63.4	70.6	72.0	77.5	81.7	81.8	83.5	84.2	84.8	84.8	85.1	85.2	85.2	85.2
GE 800		44.6	51.5	64.4	71.9	73.5	79.7	84.1	84.1	86.4	87.1	87.7	87.7	88.1	88.1	88.1	88.1
GE 700		44.6	51.5	64.5	72.5	74.1	80.6	85.2	85.2	87.5	88.9	89.5	89.5	89.7	89.8	89.8	89.8
GE 600		44.7	51.6	64.6	72.9	74.6	81.5	87.0	87.0	89.8	90.8	91.6	91.6	92.0	92.0	92.0	92.0
GE 500		44.7	51.6	64.9	73.2	75.1	82.2	88.5	88.9	91.9	92.1	94.1	94.4	94.6	94.6	94.6	94.6
GE 400		44.7	51.6	64.9	73.2	75.1	82.2	88.8	89.5	93.0	93.4	95.5	95.7	96.1	96.1	96.1	96.1
GE 300		44.7	51.6	64.9	73.2	75.1	82.3	89.0	89.7	93.7	94.3	96.4	96.7	97.4	97.4	97.4	97.4
GE 200		44.7	51.6	64.9	73.2	75.1	82.3	89.0	89.7	93.8	94.8	96.6	96.7	97.1	97.1	97.1	97.1
GE 100		44.7	51.6	64.9	73.2	75.1	82.3	89.0	89.7	93.8	94.8	96.6	96.7	97.1	97.1	97.1	97.1
GE 0		44.7	51.6	64.9	73.2	75.1	82.3	89.0	89.7	93.8	94.8	96.6	96.7	97.1	97.1	97.1	97.1

TOTAL NUMBER OF OBSERVATIONS: 437

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035833 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 7-6-67  
MONTH: FEB HOURS/SET: 1700-1400

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN FEET		GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	1		17.4	19.7	22.9	23.8	23.8	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4
GE 20000			20.9	24.1	28.4	30.0	30.1	30.7	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1
GE 18000			21.5	24.7	29.0	30.7	30.8	31.4	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8
GE 16000			21.5	24.7	29.0	30.7	30.8	31.4	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8
GE 14000			21.5	24.7	29.0	30.7	30.8	31.4	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8
GE 12000			21.7	25.0	29.3	30.9	31.1	31.7	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0
GE 10000			23.1	26.4	30.7	32.4	32.5	33.1	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5
GE 9000			23.4	26.9	31.3	33.0	33.1	33.7	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1
GE 8000			27.1	31.1	36.1	37.9	38.1	38.7	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1
GE 7000			28.2	32.3	37.5	39.4	39.7	40.4	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9
GE 6000			28.3	32.4	37.6	39.5	39.8	40.5	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0
GE 5000			29.3	33.5	38.6	40.7	41.0	41.7	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
GE 4500			31.1	35.6	41.9	44.0	44.2	44.9	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
GE 4000			36.4	41.8	48.7	50.9	51.1	51.9	52.8	52.8	53.0	53.0	53.0	53.0	53.0	53.0	53.0
GE 3500			40.5	46.1	54.0	56.2	56.4	57.1	58.3	58.5	59.1	59.1	59.1	59.1	59.1	59.1	59.1
GE 3000			46.7	52.4	61.3	63.6	63.9	65.0	66.4	66.7	67.6	67.6	67.6	67.6	67.6	67.6	67.6
GE 2500			48.6	54.4	64.0	66.7	67.0	68.3	69.8	70.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
GE 2000			51.4	57.6	68.1	71.1	71.6	73.2	74.8	75.3	76.5	76.5	76.5	76.5	76.5	76.5	76.5
GE 1800			51.5	57.7	68.6	71.8	72.5	74.1	75.6	76.1	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE 1600			52.8	59.4	71.6	75.5	76.6	78.9	80.6	81.1	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 1400			54.7	61.4	75.1	79.6	80.6	83.5	85.8	86.4	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 1200			54.8	61.5	76.1	81.6	82.9	86.1	88.9	89.6	90.9	90.9	91.0	91.0	91.3	91.3	91.3
GE 1000			54.8	61.5	76.3	82.1	83.4	86.6	89.4	90.1	91.5	91.5	91.6	91.6	91.9	91.9	91.9
GE 900			55.0	61.8	76.4	82.9	84.5	88.1	91.3	92.1	93.5	93.5	93.7	93.7	93.9	93.9	93.9
GE 800			55.0	61.8	76.4	83.0	84.6	88.6	92.1	93.7	94.9	94.9	95.0	95.1	95.3	95.3	95.3
GE 700			55.0	61.8	76.4	83.2	84.7	88.8	92.6	93.8	95.7	95.7	95.8	95.9	96.2	96.2	96.2
GE 600			55.0	61.8	76.4	83.3	84.9	89.2	93.2	94.3	96.5	96.5	97.0	97.3	97.5	97.5	97.5
GE 500			55.0	61.8	76.4	83.3	84.9	89.2	93.5	94.5	97.6	97.6	98.0	98.3	98.6	98.6	98.6
GE 400			55.0	61.8	76.4	83.3	84.9	89.2	93.5	94.5	97.6	97.6	98.0	98.3	98.6	98.6	98.6
GE 300			55.0	61.8	76.4	83.3	84.9	89.2	93.5	94.5	97.6	97.6	98.0	98.3	98.6	98.6	98.6
GE 200			55.0	61.8	76.4	83.3	84.9	89.2	93.5	94.5	97.6	97.6	98.0	98.3	98.6	98.6	98.6
GE 100			55.0	61.8	76.4	83.3	84.9	89.2	93.5	94.5	97.6	97.6	98.0	98.3	98.6	98.6	98.6
GE 0			55.0	61.8	76.4	83.3	84.9	89.2	93.5	94.5	97.6	97.6	98.0	98.3	98.6	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS: 837

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 015831 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 78-87  
MONTH: FEB HOURS(IST): 1500-1700

CEILING IN FEET		VISIBILITY IN HUNDREDS OF METERS															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
NO CEIL	1		19.9	22.6	25.6	27.1	27.1	27.4	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7
GE 20000			23.7	27.1	31.8	33.8	33.8	34.4	34.8	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9
GE 18000			23.6	27.3	31.9	33.9	33.9	34.5	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9
GE 16000			23.8	27.3	31.9	33.9	33.9	34.5	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9
GE 14000			23.8	27.3	31.9	33.9	33.9	34.5	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9
GE 12000			23.9	27.4	32.0	34.0	34.0	34.6	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0
GE 10000			25.1	28.7	33.6	35.6	35.6	36.2	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5
GE 9000			26.4	29.9	33.5	35.8	35.8	36.4	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8
GE 8000			28.5	32.6	37.7	40.1	40.1	40.8	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2
GE 7000			29.5	33.8	38.9	41.3	41.3	42.0	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4
GE 6000			29.5	33.8	38.9	41.3	41.3	42.0	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4
GE 5000			30.1	34.4	39.5	41.9	41.9	42.6	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0
GE 4000			32.1	36.9	42.5	44.9	44.9	45.6	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
GE 3000			36.8	42.0	48.6	51.2	51.2	51.9	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
GE 2500			41.1	46.7	53.8	56.5	56.5	57.4	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
GE 2000			46.3	54.4	62.3	65.4	65.4	66.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
GE 1500			50.1	56.3	65.0	68.2	68.2	69.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
GE 1200			52.5	60.1	71.0	74.8	74.8	76.1	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
GE 1000			53.7	60.8	71.3	75.2	75.2	76.6	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
GE 900			55.2	62.3	74.2	78.5	78.5	79.3	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 800			56.0	63.3	76.1	80.7	80.7	81.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
GE 700			56.1	63.6	76.8	82.3	82.3	86.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 600			56.1	63.6	76.9	82.6	82.6	87.3	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
GE 500			56.2	63.7	77.3	83.2	83.2	88.0	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 400			56.2	63.7	77.4	83.6	83.6	88.8	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 300			56.2	63.7	77.4	83.6	83.6	88.8	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 200			56.2	63.7	77.5	84.0	84.0	89.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 100			56.2	63.7	77.5	84.0	84.0	89.2	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
GE 50			56.2	63.7	77.5	84.0	84.0	89.2	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6

TOTAL NUMBER OF OBSERVATIONS: 840

GLOBAL CLIMATOLOGY BRANCH  
USAF/CIAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: Q15833 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 76-YR  
MONTH: FEB HOURS(EST): 1-00-0000

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	GT	GE	GE	GF	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET	1	160	90	90	60	48	40	32	24	20	16	12	10	8	6	4	0
NO CELL	1		22.4	26.1	29.1	30.0	30.4	30.5	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1
GE 20000			26.4	31.1	34.6	36.4	36.9	37.1	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2
GE 18000			26.5	31.3	34.7	36.5	37.0	37.2	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3
GE 16000			26.5	31.3	34.7	36.5	37.0	37.2	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3
GE 14000			26.5	31.3	34.7	36.5	37.0	37.2	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3
GE 12000			26.5	31.4	35.1	36.9	37.4	37.6	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7
GE 10000			27.4	32.5	36.3	38.2	38.7	38.9	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
GE 9000			27.9	32.9	36.9	38.8	39.3	39.5	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6
GE 8000			30.8	35.9	40.3	42.6	43.1	43.3	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
GE 7000			31.7	37.1	41.5	43.8	44.3	44.5	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
GE 6000			31.7	37.1	41.5	43.8	44.3	44.5	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
GE 5000			33.5	38.9	43.3	45.6	46.1	46.3	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
GE 4500			35.9	42.4	47.1	49.5	50.2	50.5	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
GE 4000			41.1	49.1	53.6	56.2	56.9	57.2	58.6	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
GE 3500			44.3	51.6	57.2	60.0	60.7	61.1	62.9	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.2
GE 3000			48.9	56.4	62.9	66.0	66.7	67.4	69.2	69.5	69.7	69.7	69.7	69.7	69.7	69.7	69.7
GE 2500			51.0	58.6	66.0	69.7	70.4	71.4	73.2	73.4	73.6	73.6	73.6	73.6	73.6	73.6	73.6
GE 2000			52.0	62.1	70.4	74.2	75.1	75.6	77.5	77.8	78.1	78.1	78.1	78.1	78.1	78.1	78.1
GE 1800			52.6	62.1	70.5	74.5	75.2	76.2	78.1	78.4	78.7	78.7	78.7	78.7	78.7	78.7	78.7
GE 1600			54.4	64.9	74.5	78.5	79.7	81.2	84.1	84.4	84.7	84.7	84.7	84.7	84.7	84.7	84.7
GE 1400			54.5	65.6	76.4	80.4	81.7	84.0	86.4	86.6	87.4	87.5	87.5	87.5	87.5	87.5	87.5
GE 1200			54.5	65.6	76.7	81.0	83.3	85.4	88.3	88.5	89.6	89.7	89.7	89.7	89.7	89.7	89.7
GE 1000			54.5	65.6	76.8	81.0	83.3	85.4	88.3	88.5	89.6	89.7	89.7	89.7	89.7	89.7	89.7
GE 900			54.7	66.5	77.1	82.3	84.2	87.2	90.3	90.6	91.5	91.6	91.6	91.6	91.6	91.6	91.6
GE 800			55.4	66.7	77.8	83.2	85.1	88.1	91.6	92.0	93.1	93.4	93.4	93.4	93.4	93.4	93.4
GE 700			55.5	67.1	78.2	83.7	85.6	88.6	92.5	93.0	94.0	94.6	94.6	94.6	94.6	94.6	94.6
GE 600			55.5	67.1	78.5	84.0	85.9	88.9	92.8	93.3	94.3	94.9	94.9	94.9	94.9	94.9	94.9
GE 500			55.5	67.1	78.5	84.1	86.0	89.0	92.9	93.4	94.4	95.0	95.0	95.0	95.0	95.0	95.0
GE 400			55.5	67.1	78.5	84.1	86.0	89.0	92.9	93.4	94.4	95.0	95.0	95.0	95.0	95.0	95.0
GE 300			55.5	67.1	78.5	84.1	86.0	89.0	92.9	93.4	94.4	95.0	95.0	95.0	95.0	95.0	95.0
GE 200			55.5	67.1	78.5	84.1	86.0	89.0	92.9	93.4	94.4	95.0	95.0	95.0	95.0	95.0	95.0
GE 100			55.5	67.1	78.5	84.1	86.0	89.0	92.9	93.4	94.4	95.0	95.0	95.0	95.0	95.0	95.0
GE 0			55.5	67.1	78.5	84.1	86.0	89.0	92.9	93.4	94.4	95.0	95.0	95.0	95.0	95.0	95.0

TOTAL NUMBER OF OBSERVATIONS: 434



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 07433 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 78-87  
MONTH: FEB HOURS(IST): 2100-2100

CEILING IN FEET	GT 160	VISIBILITY IN HUNDREDS OF METERS													
		GE 90	GE 80	GE 60	GE 45	GE 30	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 3
NO CEIL		25.2	28.8	31.3	33.2	33.5	34.8	35.0	35.0	35.0	35.1	35.1	35.2	35.2	35.6
GE 20000		27.8	31.8	34.8	37.8	38.1	40.0	40.3	40.3	40.4	40.4	40.5	40.5	40.9	40.9
GE 18000		27.8	31.8	34.8	37.9	38.2	40.1	40.4	40.4	40.4	40.5	40.5	40.6	40.6	41.0
GE 16000		27.8	31.8	34.8	37.9	38.2	40.1	40.4	40.4	40.4	40.5	40.5	40.6	40.6	41.0
GE 14000		28.0	31.9	34.9	38.0	38.4	40.3	40.5	40.5	40.5	40.6	40.6	40.7	40.7	41.1
GE 12000		28.3	32.3	35.2	39.4	38.7	40.6	40.9	40.9	40.9	41.0	41.0	41.1	41.1	41.5
GE 10000		30.5	34.4	37.6	40.9	41.2	43.4	43.6	43.6	43.6	43.7	43.7	43.8	43.8	44.2
GE 9000		30.7	34.6	37.9	41.1	41.5	43.6	43.8	43.8	43.8	44.0	44.0	44.1	44.1	44.4
GE 8000		33.6	37.9	41.5	44.7	45.3	47.6	47.8	47.8	47.8	47.9	48.0	48.0	48.0	48.4
GE 7000		33.8	38.5	42.1	45.5	46.1	48.5	48.7	48.7	48.7	48.9	48.9	49.0	49.0	49.3
GE 6000		33.8	38.5	42.1	45.5	46.1	48.5	48.7	48.7	48.7	48.9	48.9	49.0	49.0	49.3
GE 5000		34.2	38.8	42.5	46.0	46.6	49.1	49.3	49.3	49.3	49.5	49.5	49.6	49.6	49.9
GE 4500		36.8	41.8	46.0	49.7	50.7	53.2	53.4	53.4	53.4	53.5	53.5	53.6	53.6	54.0
GE 4000		40.5	46.0	50.4	54.5	55.4	58.2	58.4	58.4	58.4	58.5	58.5	58.7	58.7	59.0
GE 3500		42.4	48.0	52.7	56.8	57.8	61.2	61.4	61.4	61.4	61.5	61.5	61.6	61.6	62.0
GE 3000		47.0	52.9	57.6	61.9	63.0	66.3	67.0	67.0	67.0	67.1	67.1	67.3	67.3	67.6
GE 2500		49.3	55.3	60.1	65.1	66.2	69.5	70.3	70.3	70.3	70.4	70.4	70.5	70.5	70.8
GE 2000		53.0	60.3	66.2	72.2	73.4	76.8	77.9	77.9	78.0	78.1	78.1	78.3	78.3	78.6
GE 1800		53.5	60.8	67.0	73.0	74.2	77.7	78.7	78.7	78.9	79.0	79.0	79.1	79.1	79.5
GE 1600		54.7	63.3	70.6	76.7	78.1	81.6	82.7	82.7	82.8	82.9	82.9	83.0	83.0	83.4
GE 1400		55.2	64.0	72.2	78.4	79.9	83.9	84.9	84.9	85.2	85.3	85.3	85.4	85.4	85.8
GE 1200		55.6	64.5	73.5	80.3	82.0	86.3	87.7	87.7	87.9	88.1	88.1	88.2	88.2	88.5
GE 1000		55.6	64.5	74.0	81.1	82.8	87.1	88.5	88.5	88.6	88.9	88.9	89.0	89.0	89.4
GE 900		55.8	65.0	74.7	82.1	83.8	88.2	89.7	89.7	90.0	90.1	90.1	90.2	90.2	90.6
GE 800		56.3	65.7	75.5	82.9	84.6	89.2	91.3	91.4	91.6	91.8	91.8	91.9	91.9	92.3
GE 700		56.5	65.9	75.9	83.5	85.2	90.1	92.2	92.6	93.0	93.3	93.3	93.4	93.4	93.8
GE 600		56.6	66.4	77.1	84.7	86.4	91.3	94.1	95.0	95.7	96.1	96.2	96.3	96.3	96.7
GE 500		56.8	66.5	77.2	85.2	86.9	91.8	94.7	95.7	96.5	96.9	97.1	97.3	97.3	97.6
GE 400		56.8	66.5	77.2	85.2	86.9	91.8	94.7	95.7	96.7	97.0	97.3	97.6	97.6	98.0
GE 300		56.8	66.5	77.2	85.2	86.9	91.8	95.1	96.1	97.1	97.4	97.6	98.0	98.3	98.6
GE 200		56.8	66.5	77.2	85.2	86.9	91.8	95.1	96.1	97.1	97.4	97.6	98.0	98.3	98.6
GE 100		56.8	66.5	77.2	85.2	86.9	91.8	95.1	96.1	97.1	97.4	97.6	98.0	98.3	98.6
GE 0		56.8	66.5	77.2	85.2	86.9	91.8	95.1	96.1	97.0	97.4	97.6	98.0	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS: 837

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: C15R33 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 74-87  
MONTH: FEB HOURS(DST): ALL

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 3
NO CEIL	19.9	22.9	26.6	27.8	28.0	29.1	29.6	29.6	29.7	29.7	29.8	29.8	29.8	29.8	29.8	29.8
GE 2000	22.9	26.6	30.6	33.0	33.2	34.7	35.3	35.4	35.4	35.5	35.5	35.5	35.5	35.5	35.5	35.5
GE 1800	23.1	26.8	30.7	33.1	33.4	34.9	35.6	35.6	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7
GE 1600	23.1	26.8	30.7	33.1	33.4	34.9	35.6	35.6	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7
GE 1400	23.1	26.8	30.7	33.2	33.4	34.9	35.6	35.6	35.7	35.7	35.7	35.7	35.8	35.8	35.8	35.8
GE 1200	23.2	27.0	30.9	33.4	33.6	35.1	35.8	35.8	35.9	35.9	35.9	36.0	36.0	36.0	36.0	36.0
GE 1000	24.4	28.3	32.4	34.9	35.1	36.6	37.3	37.4	37.4	37.5	37.5	37.5	37.5	37.5	37.5	37.5
GE 900	24.8	28.8	32.9	35.4	35.7	37.1	37.9	37.9	37.9	38.0	38.0	38.0	38.0	38.0	38.0	38.0
GE 800	27.6	31.9	36.4	39.1	39.4	41.0	41.7	41.7	41.8	41.8	41.9	41.9	41.9	41.9	41.9	41.9
GE 700	28.3	32.9	37.6	40.3	40.7	42.3	43.0	43.1	43.1	43.1	43.2	43.2	43.2	43.2	43.2	43.2
GE 600	28.4	33.0	37.7	40.4	40.8	42.3	43.1	43.1	43.2	43.2	43.3	43.3	43.3	43.3	43.3	43.3
GE 500	29.2	33.9	38.9	41.6	42.0	43.7	44.5	44.5	44.6	44.6	44.6	44.6	44.7	44.7	44.7	44.7
GE 450	31.4	36.6	42.0	44.9	45.4	47.1	48.0	48.0	48.2	48.2	48.2	48.3	48.3	48.3	48.3	48.3
GE 400	35.6	41.2	47.2	50.4	50.9	52.9	53.9	54.0	54.2	54.2	54.3	54.3	54.3	54.3	54.3	54.3
GE 350	39.0	44.8	51.4	54.7	55.3	57.6	58.8	59.0	59.2	59.3	59.4	59.4	59.5	59.5	59.5	59.5
GE 300	43.6	49.8	57.0	60.6	61.2	63.8	65.2	65.4	65.8	65.9	66.0	66.0	66.0	66.0	66.0	66.0
GE 250	45.7	52.1	59.7	63.7	64.4	67.2	68.6	68.8	69.2	69.3	69.5	69.5	69.5	69.5	69.5	69.5
GE 200	48.8	56.2	64.9	69.3	70.3	73.4	75.2	75.4	76.0	76.1	76.3	76.3	76.4	76.4	76.4	76.4
GE 180	49.0	56.4	65.4	69.9	70.9	74.1	76.0	76.2	76.7	76.9	77.0	77.1	77.1	77.1	77.1	77.1
GE 150	50.5	58.4	68.2	73.0	74.2	77.9	80.0	80.2	80.9	81.0	81.2	81.2	81.2	81.3	81.3	81.3
GE 120	51.3	59.5	70.1	75.1	76.5	80.6	82.9	83.3	84.0	84.0	84.4	84.4	84.5	84.5	84.5	84.5
GE 100	51.6	59.9	70.9	76.5	78.0	82.5	85.1	85.4	86.3	86.4	86.8	86.8	86.9	87.0	87.0	87.0
GE 90	51.7	60.1	71.4	77.3	78.9	83.4	86.0	86.4	87.3	87.4	87.8	87.8	87.9	88.0	88.0	88.0
GE 80	51.9	60.5	72.1	78.2	79.9	84.7	87.6	88.0	89.1	89.4	89.6	89.7	89.8	89.8	89.8	89.8
GE 70	52.1	60.8	72.6	78.9	80.5	85.7	88.7	89.2	90.3	90.5	90.9	91.1	91.2	91.3	91.3	91.3
GE 60	52.2	61.0	72.8	79.3	81.0	86.3	89.5	90.2	91.6	92.7	92.8	92.8	92.9	92.9	92.9	92.9
GE 50	52.4	61.2	73.3	80.0	81.7	87.3	91.3	92.1	93.9	94.7	94.9	95.0	95.1	95.1	95.1	95.1
GE 40	52.4	61.2	73.4	80.2	82.0	87.6	91.7	92.7	94.8	95.5	96.0	96.1	96.3	96.4	96.4	96.4
GE 30	52.4	61.2	73.4	80.2	82.0	87.7	92.0	93.0	95.4	96.2	96.8	97.1	97.4	97.4	97.4	97.4
GE 20	52.4	61.2	73.4	80.2	82.0	87.7	92.0	93.1	95.6	96.5	97.1	97.5	97.8	97.8	97.8	97.8
GE 10	52.4	61.2	73.4	80.2	82.0	87.7	92.0	93.1	95.6	96.5	97.1	97.5	97.8	97.8	97.8	97.8
GE 0	52.4	61.2	73.4	80.2	82.0	87.7	92.0	93.1	95.6	96.5	97.1	97.5	97.8	97.8	97.8	97.8

TOTAL NUMBER OF OBSERVATIONS: 6700

[illegible]

PERIOD OF RECORD: 79-87

MONTH: MAR HOURS(151): 1000-0.00

TOTAL NUMBER OF OBSERVATIONS: 917

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035833 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 76-87  
MONTH: MAR HOURS (LST): 0100-0000

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS																
	1	160	90	80	60	48	40	32	24	20	16	12	10	8	5	4	0
NO CEIL	1		27.1	29.4	32.2	33.0	33.7	35.0	36.6	36.9	37.3	37.3	37.3	37.3	37.3	37.4	27.5
GE 20000			29.7	32.5	35.4	36.2	36.8	38.5	40.3	40.6	41.0	41.0	41.0	41.0	41.0	41.1	41.2
GE 18000			29.7	32.5	35.4	36.2	36.8	38.5	40.3	40.6	41.0	41.0	41.0	41.0	41.0	41.1	41.2
GE 16000			29.7	32.5	35.4	36.2	36.8	38.5	40.3	40.6	41.0	41.0	41.0	41.0	41.0	41.1	41.2
GE 14000			29.7	32.5	35.4	36.2	36.8	38.5	40.3	40.6	41.0	41.0	41.0	41.0	41.0	41.1	41.2
GE 12000			29.7	32.5	35.4	36.2	36.8	38.5	40.3	40.6	41.0	41.0	41.0	41.0	41.0	41.1	41.2
GE 10000			30.3	33.0	36.3	37.0	37.7	39.3	41.2	41.5	41.8	41.8	41.8	41.8	41.8	41.9	42.0
GE 9000			30.7	33.4	36.7	37.5	38.1	39.8	41.6	41.9	42.3	42.3	42.3	42.3	42.3	42.4	42.5
GE 8000			34.3	37.4	40.6	41.4	42.0	44.0	45.9	46.2	46.5	46.5	46.5	46.5	46.5	46.6	46.7
GE 7000			34.7	37.8	41.2	41.9	42.6	44.8	46.6	46.9	47.3	47.3	47.3	47.3	47.3	47.4	47.5
GE 6000			35.0	38.0	41.4	42.2	42.8	45.0	46.8	47.2	47.5	47.5	47.5	47.5	47.5	47.6	47.7
GE 5000			36.8	40.1	43.7	44.7	45.3	47.5	49.3	49.7	50.0	50.0	50.0	50.0	50.0	50.1	50.2
GE 4500			38.5	41.8	45.9	46.9	47.8	50.0	51.9	52.2	52.5	52.5	52.5	52.5	52.5	52.6	52.7
GE 4000			43.2	46.8	51.1	52.2	53.1	55.2	57.2	57.5	57.8	57.8	57.8	57.8	57.8	58.0	58.1
GE 3500			47.4	51.2	56.1	57.4	58.3	60.5	62.4	62.7	63.1	63.3	63.3	63.3	63.5	63.6	63.7
GE 3000			50.5	54.6	59.8	61.2	62.1	64.5	66.4	67.0	67.3	67.6	67.6	67.6	67.9	68.0	68.1
GE 2500			52.9	57.2	62.4	64.1	64.9	67.3	69.6	70.2	70.5	70.8	70.8	70.8	71.0	71.1	71.2
GE 2000			56.9	62.2	68.0	69.7	70.6	73.0	75.6	76.4	76.8	77.1	77.1	77.1	77.3	77.5	77.6
GE 1800			57.3	63.0	69.0	70.7	71.6	74.0	76.6	77.3	77.8	78.1	78.1	78.1	78.3	78.4	78.5
GE 1600			59.4	65.6	71.7	73.6	74.5	77.0	79.7	80.5	80.9	81.3	81.3	81.3	81.5	81.6	81.7
GE 1400			62.1	69.1	75.7	77.8	78.6	81.2	83.9	84.6	85.1	85.4	85.4	85.4	85.6	85.7	85.8
GE 1200			62.6	69.9	77.0	79.4	80.4	83.1	85.8	86.7	87.1	87.5	87.5	87.5	87.7	87.8	87.9
GE 900			62.9	70.3	77.5	79.8	80.8	83.8	86.5	87.4	87.8	88.1	88.1	88.1	88.3	88.5	88.6
GE 800			63.2	71.1	78.4	81.2	82.1	85.6	88.5	89.3	89.8	90.1	90.1	90.1	90.3	90.4	90.5
GE 700			63.4	71.6	79.1	81.8	82.9	86.4	89.3	90.2	90.7	91.1	91.1	91.1	91.3	91.4	91.5
GE 600			63.7	71.9	79.4	82.5	83.6	87.0	90.6	91.5	92.3	92.7	92.7	92.7	92.9	93.0	93.1
GE 500			63.7	72.1	80.3	83.3	84.4	87.9	91.6	92.6	93.7	94.1	94.1	94.1	94.3	94.4	94.6
GE 400			64.1	72.4	81.0	84.1	85.2	88.8	92.7	93.8	95.2	95.6	95.6	95.6	95.9	96.0	96.1
GE 300			64.1	72.4	81.3	84.3	85.4	89.0	92.9	94.0	95.6	96.2	96.2	96.2	96.4	96.5	96.6
GE 200			64.1	72.4	81.3	84.3	85.4	89.0	93.1	94.3	96.3	96.9	96.9	97.2	97.6	97.7	98.5
GE 100			64.1	72.4	81.3	84.3	85.4	89.0	93.1	94.3	96.3	96.9	96.9	97.2	97.6	97.8	99.6
GE	0		64.1	72.4	81.3	84.3	85.4	89.0	93.1	94.4	96.4	96.9	97.1	97.3	97.7	97.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 718

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035833 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 78-87  
MONTH: MAR POLRSILS: 0000-0000

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	1	1.6	2	2.5	3	4	5	6	8	10	12	15	20	25	30	35
NO CEIL		17.9	19.9	22.5	23.9	24.3	25.9	26.6	26.7	27.2	27.3	27.5	27.8	27.9	28.0	28.0
GE 20000		21.2	23.4	26.8	28.5	29.1	31.0	32.1	32.4	32.9	33.0	33.2	33.6	33.7	33.8	33.8
GE 18000		21.4	23.5	26.9	28.6	29.2	31.2	32.2	32.5	33.0	33.1	33.3	33.7	33.8	33.9	33.9
GE 16000		21.4	23.5	26.9	28.6	29.2	31.2	32.2	32.5	33.0	33.1	33.3	33.7	33.8	33.9	33.9
GE 14000		21.4	23.5	26.9	28.6	29.2	31.2	32.2	32.5	33.0	33.1	33.3	33.7	33.8	33.9	33.9
GE 12000		21.7	23.9	27.2	29.0	29.5	31.5	32.6	32.8	33.3	33.4	33.7	34.0	34.1	34.2	34.2
GE 10000		22.1	24.4	28.0	30.4	30.9	32.9	34.0	34.2	34.7	34.9	35.1	35.4	35.5	35.6	35.6
GE 9000		22.8	25.1	28.6	31.0	31.6	33.6	34.6	34.9	35.4	35.5	35.7	36.1	36.2	36.3	36.3
GE 8000		26.0	28.9	33.0	36.1	36.7	38.7	39.9	40.1	40.6	40.7	41.0	41.3	41.4	41.5	41.5
GE 7000		27.0	29.8	34.6	37.7	38.3	40.5	41.7	42.0	42.7	42.9	43.1	43.5	43.6	43.7	43.7
GE 6000		27.0	29.8	34.6	37.7	38.3	40.5	41.7	42.0	42.7	42.9	43.1	43.5	43.6	43.7	43.7
GE 5000		29.0	32.0	37.1	40.7	41.6	44.0	45.8	46.1	46.7	46.9	47.2	47.5	47.6	47.7	47.8
GE 4500		31.5	35.0	40.3	44.2	45.1	47.7	49.6	50.0	50.8	51.1	51.4	51.7	51.9	52.0	52.2
GE 4000		34.4	38.5	44.3	48.9	49.9	52.5	54.4	54.8	55.8	56.1	56.4	56.8	56.9	57.0	57.2
GE 3500		38.5	43.0	49.1	54.2	55.4	58.4	60.2	60.7	61.7	62.1	62.6	63.0	63.1	63.4	63.6
GE 3000		41.1	46.1	52.7	58.1	59.3	62.2	64.1	64.5	65.5	65.9	66.4	66.8	67.0	67.3	67.5
GE 2500		42.9	48.7	55.6	61.0	62.2	65.1	67.0	67.4	68.4	68.8	69.4	69.7	69.9	70.2	70.4
GE 2000		46.3	52.9	60.6	66.6	67.8	71.1	73.5	74.1	75.2	75.7	76.3	76.6	76.8	77.1	77.3
GE 1800		46.4	53.2	60.8	66.9	68.1	71.5	73.9	74.4	75.5	76.0	76.6	76.9	77.1	77.4	77.7
GE 1600		46.6	56.8	64.5	70.8	72.1	75.7	78.1	78.6	79.7	80.3	80.8	81.2	81.5	81.8	82.0
GE 1400		49.6	57.8	66.0	72.7	74.0	77.8	80.6	81.2	82.2	82.8	83.3	83.7	84.0	84.3	84.5
GE 1200		50.0	58.6	67.3	74.2	75.5	79.4	82.2	82.8	84.0	84.5	85.1	85.4	85.7	86.1	86.3
GE 1000		50.3	59.2	67.9	74.8	76.1	80.2	83.0	83.6	84.7	85.3	85.8	86.2	86.5	86.8	87.0
GE 900		50.5	59.6	68.6	76.1	77.5	81.7	84.6	85.2	86.4	87.0	87.6	88.0	88.3	88.7	88.9
GE 800		50.5	59.6	68.7	76.5	77.8	82.0	85.2	85.7	86.9	87.7	88.2	88.7	89.0	89.3	89.5
GE 700		50.8	59.8	69.2	77.0	78.5	83.2	86.5	87.1	88.5	89.2	89.8	90.2	90.5	90.8	91.1
GE 600		50.9	60.0	70.2	78.0	79.5	84.3	88.1	88.9	90.8	91.6	92.2	92.6	93.1	93.5	93.7
GE 500		50.9	60.1	70.3	78.1	79.6	84.5	88.8	89.7	92.6	93.6	94.3	95.1	95.6	96.0	96.4
GE 400		50.9	60.1	70.3	78.1	79.6	84.5	88.8	89.7	92.7	93.7	94.6	95.6	96.6	97.4	97.9
GE 300		50.9	60.1	70.3	78.1	79.6	84.5	88.8	89.7	92.7	93.7	94.7	95.8	96.8	97.4	97.9
GE 200		50.9	60.1	70.3	78.1	79.6	84.5	88.8	89.7	92.7	93.7	94.7	95.8	96.8	97.4	97.9
GE 100		50.9	60.1	70.3	78.1	79.6	84.5	88.8	89.7	92.7	93.7	94.7	95.8	96.8	97.4	97.9
GE 0		50.9	60.1	70.3	78.1	79.6	84.5	88.8	89.7	92.7	93.7	94.7	95.8	96.8	97.4	100.0

TOTAL NUMBER OF OBSERVATIONS: 918

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 025832 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 78-87  
MONTH: MAR HOURS(LEST): 0900-1100

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GE 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL		16.2	17.9	20.2	21.1	21.5	21.9	22.4	22.4	22.4	22.5	22.5	22.5	22.5	22.5	22.5
GE 20000		21.5	23.5	26.1	27.3	27.7	28.2	28.9	28.9	28.9	29.0	29.1	29.1	29.1	29.1	29.1
GE 18000		21.5	23.5	26.1	27.3	27.7	28.2	28.9	28.9	28.9	29.0	29.1	29.1	29.1	29.1	29.1
GE 16000		21.5	23.5	26.1	27.3	27.7	28.2	28.9	28.9	28.9	29.0	29.1	29.1	29.1	29.1	29.1
GE 14000		21.6	23.6	26.3	27.5	27.8	28.3	29.0	29.0	29.0	29.1	29.2	29.2	29.2	29.2	29.2
GE 12000		21.8	23.9	26.5	27.7	28.0	28.5	29.2	29.2	29.2	29.3	29.4	29.4	29.4	29.4	29.4
GE 10000		23.3	25.7	28.5	29.8	30.2	30.7	31.5	31.5	31.5	31.6	31.7	31.7	31.7	31.7	31.7
GE 9000		23.4	25.8	28.6	30.0	30.3	30.8	31.6	31.6	31.6	31.7	31.8	31.8	31.8	31.8	31.8
GE 8000		26.5	28.9	31.9	33.9	34.2	35.0	35.7	35.7	35.7	35.8	35.9	35.9	35.9	35.9	35.9
GE 7000		27.3	29.8	33.4	35.4	35.7	36.5	37.4	37.4	37.5	37.6	37.7	37.7	37.7	37.7	37.7
GE 6000		27.3	29.8	33.4	35.4	35.7	36.5	37.4	37.4	37.5	37.6	37.7	37.7	37.7	37.7	37.7
GE 5000		28.1	30.8	35.0	37.3	37.7	39.5	39.5	39.7	39.8	39.9	40.0	40.0	40.0	40.0	40.0
GE 4500		29.6	32.8	37.9	40.6	41.2	42.0	43.2	43.4	43.5	43.6	43.7	43.7	43.7	43.7	43.7
GE 4000		33.8	37.1	43.0	46.2	46.8	47.9	49.1	49.2	49.5	49.6	49.7	49.7	49.7	49.7	49.7
GE 3500		37.5	41.1	47.5	51.1	52.0	53.2	54.4	54.6	55.0	55.1	55.2	55.2	55.3	55.3	55.3
GE 3000		44.4	48.4	55.3	59.3	60.1	61.3	62.6	62.9	63.3	63.4	63.5	63.5	63.5	63.5	63.5
GE 2500		47.2	51.2	58.7	62.7	63.6	64.8	66.1	66.3	66.6	66.9	67.0	67.0	67.1	67.1	67.1
GE 2000		50.3	55.1	63.1	67.5	68.4	69.6	71.0	71.2	71.7	71.8	71.9	71.9	72.0	72.0	72.0
GE 1800		50.8	55.7	63.6	68.1	69.0	70.2	71.6	71.8	72.2	72.3	72.4	72.4	72.5	72.5	72.5
GE 1600		54.9	60.7	69.2	74.4	75.4	76.8	78.8	79.1	79.5	79.6	79.7	79.7	79.8	79.8	79.8
GE 1400		57.1	63.2	73.0	79.8	80.1	81.8	84.1	84.6	85.1	85.2	85.3	85.3	85.4	85.4	85.4
GE 1200		57.5	63.7	73.6	79.4	80.6	82.7	85.1	85.6	86.1	86.2	86.3	86.4	86.4	86.4	86.4
GE 900		57.6	64.1	74.1	79.8	81.4	83.2	85.7	86.3	86.7	86.8	86.9	86.9	87.0	87.0	87.0
GE 800		58.2	64.6	75.5	81.8	83.7	85.9	88.8	89.3	90.0	90.1	90.2	90.3	90.4	90.4	90.4
GE 700		58.3	64.6	76.5	81.1	83.1	85.4	88.6	89.2	90.2	90.3	90.4	90.5	90.6	90.7	90.7
GE 600		58.3	64.9	76.9	81.6	83.7	86.2	89.8	90.5	91.6	91.7	91.7	91.7	91.8	91.8	91.8
GE 500		58.3	65.1	77.2	84.2	86.2	88.8	92.7	93.4	94.4	94.5	94.5	94.5	94.6	94.6	94.6
GE 400		58.3	65.1	77.2	84.2	86.2	88.8	93.2	94.0	95.0	95.1	95.1	95.1	95.2	95.2	95.2
GE 300		58.3	65.1	77.2	84.2	86.2	88.8	93.2	94.0	95.0	95.1	95.1	95.1	95.2	95.2	95.2
GE 200		58.3	65.1	77.2	84.2	86.2	88.8	93.2	94.0	95.0	95.1	95.1	95.1	95.2	95.2	95.2
GE 100		58.3	65.1	77.2	84.2	86.2	88.8	93.2	94.0	95.0	95.1	95.1	95.1	95.2	95.2	95.2
GE 0		58.3	65.1	77.2	84.2	86.2	88.8	93.2	94.0	95.0	95.1	95.1	95.1	95.2	95.2	95.2

TOTAL NUMBER OF OBSERVATIONS: 918

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035933 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 78-87  
MONTH: MAR HOURS/STATION: 1700-1400

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	160	90	90	60	48	40	32	24	20	16	12	10	8	6	4	2
NO CEIL		12.6	14.5	16.0	17.1	17.2	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
GE 20000		17.1	19.3	21.1	22.4	22.5	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9
GE 18000		17.1	19.3	21.1	22.4	22.5	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9
GE 16000		17.1	19.3	21.1	22.4	22.5	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9
GE 14000		17.1	19.3	21.1	22.4	22.5	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9
GE 12000		17.2	19.4	21.2	22.5	22.7	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0
GE 10000		18.6	20.8	22.7	24.0	24.1	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4
GE 9000		19.1	21.2	23.1	24.4	24.5	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8
GE 8000		21.5	23.7	26.3	27.6	27.7	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0
GE 7000		22.5	25.2	27.9	29.2	29.3	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6
GE 6000		22.6	25.4	28.1	29.4	29.5	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8
GE 5000		24.1	26.8	29.7	31.4	31.5	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9
GE 4500		25.8	29.5	32.0	34.1	34.2	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6
GE 4000		32.1	34.9	39.1	41.7	41.8	42.3	42.3	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4
GE 3500		35.9	42.9	48.1	50.8	51.0	51.4	51.6	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
GE 3000		52.5	56.3	61.4	64.7	64.9	65.4	65.6	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
GE 2500		56.2	59.7	66.0	69.0	69.2	69.6	69.6	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
GE 2000		62.2	66.3	73.6	77.3	77.8	78.6	78.6	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
GE 1800		62.4	66.3	74.0	77.9	78.3	79.1	79.5	79.9	79.8	79.8	79.8	79.8	79.8	79.8	79.8
GE 1600		67.1	71.6	79.6	84.0	84.4	85.6	85.9	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
GE 1400		69.3	74.3	83.4	88.5	89.0	90.5	91.1	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7
GE 1200		69.9	75.2	85.1	90.3	90.6	92.6	93.2	93.4	93.9	94.0	94.0	94.0	94.0	94.0	94.0
GE 1000		70.4	75.7	86.1	91.3	91.9	93.7	94.4	95.0	95.2	95.3	95.3	95.3	95.3	95.3	95.3
GE 800		70.8	76.1	86.9	92.5	93.2	95.4	96.7	97.1	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 700		70.9	76.3	87.3	93.0	93.6	96.1	97.6	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 600		71.0	76.4	87.4	93.1	94.0	96.3	97.9	98.5	98.7	98.8	98.8	98.8	98.8	98.8	98.8
GE 500		71.0	76.4	87.4	93.1	94.0	96.4	98.1	98.8	99.0	99.3	99.3	99.3	99.3	99.3	99.3
GE 400		71.0	76.4	87.4	93.1	94.0	96.4	98.1	98.8	99.0	99.5	99.7	99.7	99.7	99.7	99.7
GE 300		71.0	76.4	87.4	93.1	94.0	96.4	98.1	98.8	99.0	99.6	99.8	99.8	99.8	99.8	99.8
GE 200		71.0	76.4	87.4	93.1	94.0	96.4	98.1	98.8	99.0	99.6	99.8	99.8	99.8	100.0	100.0
GE 100		71.0	76.4	87.4	93.1	94.0	96.4	98.1	98.8	99.0	99.6	99.8	99.8	99.8	100.0	100.0
GE 0		71.0	76.4	87.4	93.1	94.0	96.4	98.1	98.8	99.0	99.6	99.8	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 914

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 015933 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 78-87  
MONTH: MAR HOURS(UTC): 1500-1700

CEILING IN FEET	1	VISIBILITY IN HUNDREDS OF METERS															
		GT 160	GF 90	GE 80	GF 60	GE 48	GE 40	GE 32	GF 24	GE 20	GE 16	GE 12	GF 10	GE 8	GF 5	GE 4	GF 3
NO CEIL	1		16.5	17.8	19.1	19.3	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4
GE 200001			23.1	24.5	26.5	27.3	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5
GE 180001			23.2	24.6	26.6	27.6	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8
GE 160001			23.2	24.6	26.6	27.6	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8
GF 140001			23.5	24.9	27.0	27.8	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0
GE 120001			23.9	25.4	27.6	28.3	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6
GE 100001			25.0	26.5	28.5	29.5	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8
GE 900001			25.5	27.0	29.3	30.1	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3
GE 800001			26.0	30.7	33.4	34.5	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7
GE 700001			29.8	31.5	34.5	35.7	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9
GE 600001			29.9	31.7	34.7	35.9	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2
GE 500001			31.2	33.0	36.2	37.5	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8
GE 400001			34.0	36.2	39.6	41.3	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6
GE 300001			40.8	43.0	46.5	48.4	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
GE 200001			48.9	51.5	55.0	57.7	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
GF 100001			59.6	62.5	66.7	71.2	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
GE 800001			64.4	67.9	75.0	79.1	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
GE 700001			69.3	72.9	81.0	84.9	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GF 600001			70.2	73.9	84.3	86.1	86.5	87.0	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GF 500001			73.4	77.2	88.9	90.8	90.3	91.0	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GF 400001			74.8	78.5	90.4	92.9	93.6	94.0	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 300001			75.0	79.3	90.7	93.5	94.1	94.5	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GF 200001			75.1	79.4	90.1	94.0	94.7	96.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GF 100001			75.5	79.8	89.6	95.1	95.8	97.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GF 800001			75.6	80.1	90.1	95.4	96.1	97.8	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GF 700001			75.6	80.1	90.1	95.4	96.1	97.8	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GF 600001			75.6	80.1	90.1	95.4	96.1	97.8	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GF 500001			75.6	80.1	90.1	95.4	96.1	97.8	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GF 400001			75.6	80.1	90.1	95.4	96.1	97.8	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GF 300001			75.6	80.1	90.1	95.4	96.1	97.8	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GF 200001			75.6	80.1	90.1	95.4	96.1	97.8	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GF 100001			75.6	80.1	90.1	95.4	96.1	97.8	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GF 800001			75.6	80.1	90.1	95.4	96.1	97.8	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GF 700001			75.6	80.1	90.1	95.4	96.1	97.8	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GF 600001			75.6	80.1	90.1	95.4	96.1	97.8	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GF 500001			75.6	80.1	90.1	95.4	96.1	97.8	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GF 400001			75.6	80.1	90.1	95.4	96.1	97.8	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GF 300001			75.6	80.1	90.1	95.4	96.1	97.8	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GF 200001			75.6	80.1	90.1	95.4	96.1	97.8	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GF 100001			75.6	80.1	90.1	95.4	96.1	97.8	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GF 800001			75.6	80.1	90.1	95.4	96.1	97.8	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GF 700001			75.6	80.1	90.1	95.4	96.1	97.8	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GF 600001			75.6	80.1	90.1	95.4	96.1	97.8	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GF 500001			75.6	80.1	90.1	95.4	96.1	97.8	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GF 400001			75.6	80.1	90.1	95.4	96.1	97.8	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GF 300001			75.6	80.1	90.1	95.4	96.1	97.8	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GF 200001			75.6	80.1	90.1	95.4	96.1	97.8	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GF 100001			75.6	80.1	90.1	95.4	96.1	97.8	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GF 800001			75.6	80.1	90.1	95.4	96.1	97.8	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GF 700001			75.6	80.1	90.1	95.4	96.1	97.8	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GF 600001			75.6	80.1	90.1	95.4	96.1	97.8	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GF 500001			75.6	80.1	90.1	95.4	96.1	97.8	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GF 400001			75.6	80.1	90.1	95.4	96.1	97.8	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GF 300001			75.6	80.1	90.1	95.4	96.1	97.8	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GF 200001			75.6	80.1	90.1	95.4	96.1	97.8	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GF 100001			75.6	80.1	90.1	95.4	96.1	97.8	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GF 800001			75.6	80.1	90.1	95.4	96.1	97.8	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GF 700001			75.6	80.1	90.1	95.4	96.1	97.8	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GF 600001			75.6	80.1	90.1	95.4	96.1	97.8	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GF 500001			75.6	80.1	90.1	95.4	96.1	97.8	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GF 400001			75.6	80.1	90.1	95.4	96.1	97.8	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GF 300001			75.6	80.1	90.1	95.4	96.1	97.8	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GF 200001			75.6	80.1	90.1	95.4	96.1	97.8	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GF 100001			75.6	80.1	90.1	95.4	96.1	97.8	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GF 800001			75.6	80.1	90.1	95.4	96.1	97.8	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GF 700001			75.6	80.1	90.1	95.4	96.1	97.8	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GF 600001			75.6	80.1	90.1	95.4	96.1	97.8	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GF 500001			75.6	80.1	90.1	95.4	96.1	97.8	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GF 400001			75.6	80.1	90.1	95.4	96.1	97.8	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GF 300001			75.6	80.1	90.1	95.4	96.1	97.8	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GF 200001			75.6	80.1	90.1	95.4	96.1	97.									



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035832 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 78-87  
MONTH: MAR HOURS (LST): 1800-2000

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	1	6	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
	1	160	70	80	60	48	40	32	24	20	16	12	10	8	5	4
NO CEIL	1		76.2	27.6	30.0	31.0	31.0	31.2	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9
GE 2000			31.1	33.2	36.0	37.2	37.2	37.9	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5
GE 1800			31.1	33.2	36.0	37.2	37.2	37.9	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5
GE 1600			31.1	33.2	36.0	37.2	37.2	37.9	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5
GE 1400			31.2	33.3	36.1	37.3	37.3	38.0	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6
GE 1200			31.8	33.9	36.9	39.1	38.1	38.7	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4
GE 1000			32.6	35.1	38.2	39.4	39.4	40.0	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7
GE 900			33.5	36.1	39.2	40.4	40.4	41.0	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7
GE 800			36.5	39.3	42.7	44.5	44.6	45.3	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9
GE 700			37.6	40.7	44.2	46.0	46.1	46.5	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
GE 600			37.8	40.8	44.3	46.1	46.2	46.9	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6
GE 500			39.6	42.7	46.2	49.1	48.2	48.9	49.5	49.5	49.6	49.6	49.6	49.6	49.6	49.6
GE 450			43.1	46.5	50.4	52.2	52.8	53.5	54.2	54.2	54.3	54.3	54.3	54.3	54.3	54.3
GE 400			48.7	52.2	56.3	59.2	58.8	59.5	60.2	60.2	60.3	60.3	60.3	60.3	60.3	60.3
GE 350			54.7	58.7	62.7	65.1	65.6	66.4	67.6	67.6	67.8	67.8	67.8	67.8	67.8	67.8
GE 300			61.0	65.5	70.5	73.6	74.1	74.9	76.3	76.3	76.5	76.5	76.5	76.5	76.5	76.5
GE 250			63.7	68.2	73.6	77.1	77.8	78.6	80.2	80.2	80.7	80.7	80.7	80.7	80.7	80.7
GE 200			67.7	73.0	79.9	83.5	84.1	85.0	86.7	86.7	87.3	87.3	87.3	87.3	87.3	87.3
GE 180			68.2	73.6	81.0	84.8	85.4	86.4	88.1	88.1	88.7	88.7	88.7	88.7	88.7	88.7
GE 150			70.6	76.7	84.1	87.9	88.6	89.9	91.7	91.7	92.3	92.3	92.3	92.3	92.3	92.3
GE 120			71.4	78.0	86.4	90.3	91.1	92.9	94.6	94.6	95.3	95.3	95.3	95.3	95.3	95.3
GE 100			71.6	78.3	86.7	90.6	91.5	93.5	95.3	95.3	96.0	96.0	96.0	96.0	96.0	96.0
GE 90			71.6	78.5	86.9	91.0	91.8	93.8	95.6	95.6	96.3	96.3	96.3	96.3	96.3	96.3
GE 80			71.7	78.6	87.5	91.8	92.7	94.7	96.5	96.5	97.2	97.2	97.2	97.2	97.2	97.2
GE 70			71.8	79.5	88.6	93.0	94.3	96.3	98.3	98.3	99.0	99.0	99.0	99.0	99.0	99.0
GE 60			71.8	79.5	88.7	93.1	94.5	96.4	98.5	98.5	99.1	99.2	99.2	99.2	99.2	99.2
GE 50			71.8	79.5	88.7	93.1	94.5	96.4	98.5	98.5	99.1	99.3	99.5	99.5	99.8	99.8
GE 40			71.8	79.5	88.7	93.1	94.5	96.4	98.5	98.5	99.1	99.3	99.5	99.5	99.8	99.8
GE 30			71.8	79.5	88.7	93.1	94.5	96.4	98.5	98.5	99.1	99.3	99.5	99.7	100.0	100.0
GE 20			71.8	79.5	88.7	93.1	94.5	96.4	98.5	98.5	99.1	99.3	99.5	99.7	100.0	100.0
GE 10			71.8	79.5	88.7	93.1	94.5	96.4	98.5	98.5	99.1	99.3	99.5	99.7	100.0	100.0
GE 0			71.8	79.5	88.7	93.1	94.5	96.4	98.5	98.5	99.1	99.3	99.5	99.7	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 919

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 015933 STATION NAME: RAF LARKENHEAD UNITED KINGDOM

PERIOD OF RECORD: 75-87  
MONTH: MAR HOURS(EST): 11:00-22:00

CEILING IN FEET	J 1	GT 160	GE 90	GE 80	GE 60	GE 46	GE 40	VISIBILITY IN HUNDREDS OF METERS										GE 4	GE 2
								GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 6	GE 4	GE 2		
NO CEIL			32.3	33.4	35.1	36.7	38.8	37.3	37.9	38.0	38.4	38.4	38.4	38.4	38.4	38.4	38.4		
GE 20000			34.7	36.1	37.9	39.7	39.8	40.7	41.5	41.6	42.0	42.0	42.0	42.0	42.0	42.0	42.0		
GE 18000			34.7	36.1	37.9	39.7	39.8	40.8	41.6	41.7	42.1	42.1	42.1	42.1	42.1	42.1	42.1		
GE 16000			34.7	36.1	37.9	39.7	39.8	40.8	41.6	41.7	42.1	42.1	42.1	42.1	42.1	42.1	42.1		
GE 14000			34.7	36.1	37.9	39.7	39.8	40.8	41.6	41.7	42.1	42.1	42.1	42.1	42.1	42.1	42.1		
GE 12000			35.1	36.6	38.3	40.2	40.3	41.2	42.0	42.1	42.5	42.5	42.5	42.5	42.5	42.5	42.5		
GE 10000			35.8	37.5	39.3	41.1	41.2	42.2	43.0	43.1	43.5	43.5	43.5	43.5	43.5	43.5	43.5		
GE 9000			36.7	38.5	40.3	42.1	42.2	43.2	44.0	44.1	44.5	44.5	44.5	44.5	44.5	44.5	44.5		
GE 8000			39.1	41.2	43.4	45.7	46.0	47.0	47.8	47.9	48.3	48.3	48.3	48.3	48.3	48.3	48.3		
GE 7000			39.4	41.6	43.9	46.4	46.7	47.7	48.4	48.5	49.0	49.0	49.0	49.0	49.0	49.0	49.0		
GE 6000			39.5	41.7	44.0	46.5	46.8	47.8	48.5	48.6	49.1	49.1	49.1	49.1	49.1	49.1	49.1		
GE 5000			41.3	43.9	46.2	48.7	49.2	50.2	50.9	51.0	51.7	51.7	51.7	51.7	51.7	51.7	51.7		
GE 4500			44.4	47.0	49.4	51.9	52.7	53.6	54.6	54.7	55.4	55.4	55.4	55.4	55.4	55.4	55.4		
GE 4000			50.2	53.2	55.9	58.4	59.3	60.5	61.5	61.6	62.2	62.2	62.2	62.2	62.2	62.2	62.2		
GE 3500			56.3	59.6	62.4	65.0	65.6	67.1	68.2	68.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3		
GE 3000			60.0	63.7	66.6	69.9	70.7	72.1	73.3	73.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4		
GE 2500			63.3	67.0	70.8	73.9	74.8	76.3	77.5	77.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6		
GE 2000			68.1	72.8	77.6	80.2	81.1	82.7	84.0	84.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2		
GE 1800			68.6	73.2	77.6	81.0	81.8	83.5	84.8	84.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0		
GE 1600			70.5	75.5	80.3	83.6	84.4	86.2	87.7	87.8	89.3	89.3	89.3	89.3	89.3	89.3	89.3		
GE 1400			72.5	78.5	83.7	87.2	88.0	89.8	91.3	91.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6		
GE 1200			73.1	79.4	85.0	88.6	89.4	91.2	92.7	92.8	94.0	94.0	94.0	94.0	94.0	94.0	94.0		
GE 1000			73.2	79.8	85.3	88.9	89.8	91.5	93.0	93.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3		
GE 900			73.4	80.2	86.0	89.6	90.5	92.3	93.8	93.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1		
GE 800			74.0	80.8	87.1	90.4	91.8	94.2	95.5	95.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8		
GE 700			74.2	81.1	87.3	91.0	92.1	94.4	95.9	96.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2		
GE 600			74.4	81.5	88.0	92.3	93.4	95.6	97.4	97.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7		
GE 500			74.4	81.5	88.0	92.3	93.4	95.6	97.4	97.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7		
GE 400			74.4	81.5	88.0	92.3	93.4	95.6	97.4	97.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7		
GE 300			74.4	81.5	88.0	92.3	93.4	95.6	97.4	97.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7		
GE 200			74.4	81.5	88.0	92.3	93.4	95.6	97.4	97.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7		
GE 100			74.4	81.5	88.0	92.3	93.4	95.6	97.4	97.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7		
GE 0			74.4	81.5	88.0	92.3	93.4	95.6	97.4	97.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7		

TOTAL NUMBER OF OBSERVATIONS: 914

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035833 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 75-87  
MONTH: MAR FOLPS (LST): ALL

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	1 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 6	GE 4	GE 0
NO CEIL		22.4	24.1	26.1	27.2	27.5	28.1	28.7	28.8	28.9	29.0	29.0	29.3	29.1	29.1	29.2
GE 2000		16.4	28.5	30.8	32.1	32.5	33.4	34.1	34.2	34.4	34.4	34.5	34.5	34.6	34.6	34.7
GE 1800		26.5	28.5	30.9	32.2	32.5	33.4	34.2	34.3	34.5	34.5	34.6	34.6	34.6	34.7	34.8
GE 1600		26.5	28.5	30.9	32.2	32.5	33.4	34.2	34.3	34.5	34.5	34.6	34.6	34.6	34.7	34.8
GE 1400		26.5	28.5	30.9	32.2	32.5	33.4	34.2	34.3	34.5	34.5	34.6	34.6	34.7	34.8	34.8
GE 1200		26.6	28.8	31.2	32.6	32.9	33.8	34.6	34.7	34.9	34.9	34.9	35.0	35.0	35.1	35.1
GE 1000		27.7	29.9	32.5	33.9	34.2	35.1	35.9	36.0	36.2	36.2	36.3	36.3	36.3	36.4	36.4
GE 900		28.2	30.4	33.0	34.4	34.7	35.6	36.4	36.5	36.7	36.7	36.8	36.8	36.8	36.9	37.0
GE 800		31.3	33.8	36.7	38.5	38.9	39.9	40.7	40.7	40.9	41.0	41.0	41.1	41.1	41.2	41.2
GE 700		32.1	34.7	37.9	39.8	40.1	41.2	42.0	42.1	42.3	42.4	42.4	42.5	42.5	42.6	42.6
GE 600		32.2	34.8	38.1	39.9	40.3	41.3	42.1	42.2	42.4	42.5	42.5	42.6	42.6	42.7	42.7
GE 500		33.7	36.5	40.0	42.0	42.4	43.5	44.4	44.5	44.6	44.8	44.9	44.9	45.0	45.0	45.1
GE 450		36.2	39.2	43.1	45.3	45.9	47.0	48.0	48.1	48.4	48.4	48.5	48.5	48.6	48.6	48.7
GE 400		41.3	44.6	48.9	51.4	52.0	53.2	54.2	54.4	54.7	54.7	54.8	54.8	54.9	54.9	55.0
GE 350		46.9	50.5	55.2	57.9	58.6	59.9	61.1	61.3	61.7	61.8	61.9	61.9	62.0	62.1	62.2
GE 300		53.1	57.1	62.5	65.5	66.3	67.7	68.9	69.1	69.5	69.7	69.7	69.8	69.9	70.0	70.0
GE 250		56.0	60.3	66.1	69.3	70.1	71.5	72.8	73.0	73.5	73.7	73.7	73.8	73.9	74.0	74.0
GE 200		60.4	65.4	72.0	75.5	76.3	77.9	79.5	79.7	80.3	80.4	80.5	80.5	80.6	80.7	80.8
GE 180		60.9	65.9	72.7	76.5	77.2	78.8	80.3	80.6	81.1	81.2	81.3	81.4	81.4	81.5	81.6
GE 150		62.7	69.4	76.4	80.3	81.2	82.9	84.6	84.9	85.5	85.6	85.7	85.7	85.8	85.9	86.0
GE 120		65.5	71.6	79.5	83.8	84.7	86.8	88.6	89.0	89.6	89.7	89.8	89.8	89.9	90.0	90.1
GE 100		66.0	72.5	80.5	85.0	86.0	88.1	90.0	90.4	91.0	91.2	91.3	91.3	91.4	91.5	91.6
GE 90		66.2	72.6	81.0	85.5	86.5	88.6	90.7	91.0	91.7	91.9	92.0	92.0	92.1	92.2	92.3
GE 80		66.5	73.3	81.9	86.7	87.8	90.3	92.3	92.7	93.4	93.6	93.7	93.7	93.8	93.9	94.0
GE 70		66.7	73.7	82.5	87.5	88.7	91.3	93.5	93.9	94.6	94.8	94.9	95.0	95.1	95.2	95.3
GE 60		66.8	73.9	82.7	87.8	89.1	91.7	94.1	94.5	95.3	95.6	95.7	95.8	95.9	96.0	96.1
GE 50		66.8	74.1	83.3	88.5	89.7	92.4	95.0	95.4	96.4	96.8	96.9	97.0	97.1	97.3	97.3
GE 40		66.9	74.1	83.4	88.6	89.9	92.7	95.4	95.9	97.0	97.4	97.6	97.7	97.8	97.9	98.0
GE 30		66.9	74.1	83.5	88.7	90.0	92.7	95.5	96.0	97.4	97.9	98.1	98.2	98.4	98.6	98.7
GE 20		66.9	74.1	83.5	88.7	90.0	92.7	95.5	96.1	97.5	98.0	98.2	98.5	98.8	99.0	99.3
GE 10		66.9	74.1	83.5	88.7	90.0	92.7	95.5	96.1	97.5	98.0	98.3	98.5	98.8	99.0	99.3
GE 0		66.9	74.1	83.5	88.7	90.0	92.7	95.5	96.1	97.5	98.0	98.3	98.5	98.8	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS: 7348

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035933 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 76-87  
MONTH: APR HOURS(EST): 0000-0400

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	1	2	3	4	5	6	7	8	9	10	12	14	16	18	20	24
NO CEIL		33.0	36.9	39.7	40.2	40.3	41.2	42.2	42.2	42.4	42.4	42.4	42.4	42.4	42.4	42.4
GE 20000		38.1	42.0	45.0	45.7	45.8	47.0	48.0	48.0	48.3	48.3	48.3	48.3	48.3	48.3	48.3
GE 18000		38.2	42.1	45.1	45.8	45.9	47.1	48.1	48.1	48.4	48.4	48.4	48.4	48.4	48.4	48.4
GE 16000		38.2	42.1	45.1	45.8	45.9	47.1	48.1	48.1	48.4	48.4	48.4	48.4	48.4	48.4	48.4
GE 14000		38.2	42.1	45.1	45.8	45.9	47.1	48.1	48.1	48.4	48.4	48.4	48.4	48.4	48.4	48.4
GE 12000		38.2	42.1	45.1	45.8	45.9	47.1	48.1	48.1	48.4	48.4	48.4	48.4	48.4	48.4	48.4
GE 10000		39.4	43.6	46.6	47.2	47.3	48.6	49.6	49.6	49.9	49.9	49.9	49.9	49.9	49.9	49.9
GE 9000		39.7	43.8	46.8	47.4	47.6	48.8	49.8	49.8	50.1	50.1	50.1	50.1	50.1	50.1	50.1
GE 8000		43.3	48.0	51.9	53.1	53.2	54.4	55.4	55.4	55.8	55.8	55.8	55.8	55.8	55.8	55.8
GE 7000		43.6	48.2	52.1	53.3	53.4	54.7	55.7	55.7	56.0	56.0	56.0	56.0	56.0	56.0	56.0
GE 6000		43.7	48.4	52.3	53.6	53.7	54.9	55.9	55.9	56.2	56.2	56.2	56.2	56.2	56.2	56.2
GE 5000		45.1	49.9	53.8	55.0	55.1	56.7	57.7	57.7	58.0	58.0	58.0	58.0	58.0	58.0	58.0
GE 4500		48.1	53.3	57.6	59.0	59.2	60.8	61.8	61.8	62.1	62.1	62.1	62.1	62.1	62.1	62.1
GE 4000		54.1	59.7	64.4	66.2	66.4	68.0	69.2	69.2	69.6	69.6	69.6	69.6	69.6	69.6	69.6
GE 3500		57.1	63.0	68.0	69.9	70.1	71.9	73.1	73.1	73.4	73.4	73.4	73.4	73.4	73.4	73.4
GE 3000		61.8	68.9	74.2	76.1	76.3	78.2	79.4	79.4	79.8	79.8	79.8	79.8	79.8	79.8	79.8
GE 2500		63.9	71.9	77.3	79.2	79.4	81.3	82.6	82.6	83.1	83.1	83.1	83.1	83.1	83.1	83.1
GE 2000		67.0	75.0	81.6	83.9	84.1	86.0	87.2	87.2	87.9	87.9	87.9	87.9	87.9	87.9	87.9
GE 1800		67.2	75.3	82.0	84.3	84.6	86.4	87.7	87.7	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 1600		68.9	77.6	84.6	87.1	87.3	89.2	90.4	90.4	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 1400		70.2	79.2	86.3	89.0	89.2	91.1	92.3	92.3	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 1200		70.9	80.0	87.6	90.2	90.4	92.3	93.6	93.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 1000		70.9	80.0	87.6	90.2	90.4	92.3	93.6	93.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 900		71.2	80.4	88.0	90.7	90.9	92.8	94.2	94.2	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 800		71.8	81.0	88.6	91.2	91.4	93.3	94.8	94.8	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 700		71.8	81.1	88.8	91.8	92.0	94.1	95.8	95.8	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 600		72.0	81.4	89.3	92.5	93.0	95.4	97.8	97.9	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 500		72.0	81.4	89.6	92.8	93.0	95.6	98.1	98.2	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 400		72.0	81.4	89.6	92.8	93.0	95.6	98.2	98.3	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 300		72.0	81.4	89.6	92.8	93.0	95.6	98.2	98.3	99.1	99.2	99.2	99.2	99.2	99.2	99.2
GE 200		72.0	81.4	89.6	92.8	93.0	95.6	98.2	98.3	99.1	99.2	99.2	99.2	99.2	99.2	99.2
GE 100		72.0	81.4	89.6	92.8	93.0	95.6	98.2	98.3	99.1	99.2	99.2	99.2	99.2	99.2	99.2
GE 0		72.0	81.4	89.6	92.8	93.0	95.6	98.2	98.3	99.1	99.2	99.2	99.2	99.2	99.2	99.2

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 02583? STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 78-87  
MONTH: APR HOURS(UTC): 0700-0900

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
NO CEIL		23.6	26.3	30.9	21.9	32.3	34.1	34.9	35.3	35.6	35.8	35.8	36.0	36.2	36.2	36.5
GE 20000		26.6	29.8	34.7	35.8	36.2	39.5	38.8	39.3	39.9	40.2	40.2	40.4	40.6	40.6	41.2
GE 18000		26.8	30.0	34.9	36.0	36.4	38.3	39.0	39.5	40.2	40.4	40.4	40.6	40.6	40.9	41.4
GE 16000		26.8	30.0	34.9	36.0	36.4	38.3	39.0	39.5	40.2	40.4	40.4	40.6	40.6	40.9	41.4
GE 14000		26.8	30.0	34.9	36.0	36.4	38.3	39.0	39.5	40.2	40.4	40.4	40.6	40.6	40.9	41.4
GE 12000		26.9	30.1	35.0	36.2	36.5	38.4	39.2	39.6	40.3	40.5	40.5	40.7	40.7	41.0	41.5
GE 10000		28.1	31.6	36.6	37.7	38.0	40.0	40.8	41.3	41.9	42.2	42.2	42.4	42.6	42.7	43.1
GE 9000		28.4	31.9	37.0	38.2	38.5	40.5	41.3	41.7	42.4	42.5	42.6	42.8	43.0	43.2	43.6
GE 8000		33.3	36.9	43.0	44.4	44.7	46.9	47.8	48.3	48.9	49.2	49.2	49.4	49.6	49.7	50.0
GE 7000		33.8	37.5	43.7	45.1	45.4	47.6	48.5	48.9	49.6	49.8	49.8	50.1	50.3	50.4	50.8
GE 6000		34.0	37.7	43.9	45.3	45.6	47.8	48.7	49.2	49.8	50.1	50.1	50.3	50.5	50.6	51.1
GE 5000		36.0	39.9	46.3	47.8	48.2	50.4	51.3	51.7	52.7	52.9	52.9	53.2	53.4	53.5	53.7
GE 4500		39.5	44.3	50.9	52.5	53.2	55.5	56.4	56.8	57.8	58.1	58.1	58.3	58.5	58.6	59.1
GE 4000		44.9	50.2	57.4	59.4	60.5	63.0	63.8	64.3	65.3	65.5	65.7	66.0	66.2	66.4	66.9
GE 3500		47.9	53.2	61.2	63.2	64.3	66.9	68.0	68.4	69.4	69.6	69.9	70.1	70.3	70.5	71.0
GE 3000		50.6	56.4	64.8	67.1	68.2	71.1	72.5	73.0	74.4	74.6	74.9	75.1	75.3	75.5	76.0
GE 2500		53.9	60.1	69.3	71.7	72.9	75.8	77.2	77.6	79.1	79.4	79.6	79.9	80.2	80.4	80.9
GE 2000		56.7	63.1	72.9	75.4	76.5	79.4	81.1	81.6	83.0	83.3	83.5	83.9	84.1	84.3	84.8
GE 1800		56.8	63.2	73.1	75.6	76.6	79.6	81.4	81.9	83.3	83.6	83.9	84.1	84.4	84.6	85.1
GE 1600		59.1	65.6	76.1	79.1	80.3	83.2	85.1	85.6	87.0	87.1	87.5	87.8	88.1	88.3	88.8
GE 1400		60.3	67.2	78.2	81.3	82.5	85.5	87.4	87.9	89.4	89.8	90.0	90.2	90.5	90.8	91.2
GE 1200		60.6	67.5	78.4	81.9	83.1	86.2	88.1	88.6	90.2	90.7	90.9	91.1	91.4	91.7	92.1
GE 1000		60.8	67.7	79.5	82.1	83.3	86.4	88.3	88.8	90.5	91.0	91.2	91.4	91.6	92.0	92.4
GE 900		61.1	68.2	79.4	82.5	83.8	86.9	88.9	89.3	91.1	91.5	91.8	92.0	92.3	92.5	93.0
GE 800		61.1	68.2	79.4	82.6	83.9	87.1	89.2	89.7	91.5	92.0	92.2	92.4	92.6	93.0	93.4
GE 700		61.2	68.3	79.6	82.9	84.1	87.5	89.6	90.4	92.3	92.8	93.0	93.2	93.5	93.8	94.2
GE 600		61.3	68.7	80.1	83.4	84.6	88.8	91.5	92.2	94.1	94.5	94.6	95.0	95.3	95.6	96.0
GE 500		61.5	69.0	80.6	84.1	85.3	89.5	92.9	93.6	95.4	95.9	96.1	96.3	96.7	96.9	97.3
GE 400		61.5	69.0	80.6	84.3	85.5	90.1	93.8	94.5	96.6	97.1	97.6	97.8	98.1	98.3	98.8
GE 300		61.5	69.0	80.6	84.3	85.5	90.1	93.8	94.5	96.7	97.4	97.9	98.4	98.9	99.2	99.8
GE 200		61.5	69.0	80.6	84.3	85.5	90.1	93.8	94.5	96.7	97.4	97.9	98.4	98.9	99.4	100.0
GE 100		61.5	69.0	80.6	84.3	85.5	90.1	93.8	94.5	96.7	97.4	97.9	98.4	98.9	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS: 899

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM FOURLY OBSERVATION

STATION NUMBER: 075R33 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 1947-  
MONTHS ALL HOURS ALL

CEILING IN FEET	VISIBILITY IN FEET															
	GT 160	GT 90	GT 80	GT 60	GT 40	GT 40	GT 30	GT 24	GT 10	GT 10	GT 10	GT 10	GT 10	GT 10	GT 10	GT 10
NO CEIL		18.9	22.0	26.2	27.7	27.9	29.7	30.9	31.1	31.7	31.7	31.7	31.7	31.7	31.7	31.7
GE 20000		22.8	26.6	31.8	33.4	33.7	35.4	37.0	37.7	38.9	39.7	39.7	39.7	39.7	39.7	39.7
GE 18000		23.0	26.8	32.2	33.9	34.1	36.2	38.0	38.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7
GE 16000		23.0	26.8	32.2	33.9	34.1	36.2	38.0	38.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7
GE 14000		23.0	26.8	32.2	33.9	34.1	36.2	38.0	38.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7
GE 12000		23.0	26.8	32.2	33.9	34.1	36.2	38.0	38.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7
GE 10000		23.6	27.3	32.9	34.6	34.8	36.9	38.7	39.4	40.7	40.7	40.7	40.7	40.7	40.7	40.7
GE 9000		23.6	27.6	33.1	34.8	35.0	37.1	38.9	39.6	40.9	40.9	40.9	40.9	40.9	40.9	40.9
GE 8000		25.7	29.5	36.7	39.1	39.4	41.6	43.7	44.4	46.7	46.7	46.7	46.7	46.7	46.7	46.7
GE 7000		27.1	31.3	38.7	41.2	41.6	43.8	45.6	46.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
GE 6000		27.2	31.4	39.3	41.6	41.9	44.7	46.1	47.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
GE 5000		28.2	32.4	40.9	44.2	44.6	47.2	49.1	49.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
GE 4500		31.7	36.2	45.7	49.2	49.8	52.7	55.0	56.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
GE 4000		27.3	42.7	53.0	56.7	57.2	60.1	62.8	63.0	66.8	66.8	66.8	66.8	66.8	66.8	66.8
GE 3500		40.3	46.0	57.1	60.7	61.4	64.7	67.7	67.9	69.4	69.4	69.4	69.4	69.4	69.4	69.4
GE 3000		44.6	50.3	61.4	65.3	66.0	69.4	73.0	73.2	74.9	74.9	74.9	74.9	74.9	74.9	74.9
GE 2500		47.8	53.7	65.4	69.3	70.0	73.6	77.1	77.3	79.1	79.0	79.3	79.7	79.7	79.7	79.7
GE 2000		51.6	58.0	70.3	74.4	75.1	78.4	82.3	82.6	84.3	84.7	84.7	84.9	84.9	84.9	84.9
GE 1800		51.8	58.2	70.6	74.7	75.3	79.0	82.6	82.8	84.6	84.8	84.9	85.1	85.1	85.1	85.1
GE 1600		52.6	59.0	71.4	75.9	76.7	80.4	84.0	84.2	86.1	86.1	86.4	86.7	86.7	86.7	86.7
GE 1400		52.7	59.1	72.1	76.6	77.6	81.4	85.0	85.2	87.1	87.1	87.7	87.9	87.9	87.9	87.9
GE 1200		53.1	59.6	73.2	77.9	78.7	82.6	86.1	86.7	88.2	88.2	88.9	89.1	89.2	89.4	89.7
GE 900		53.2	59.7	73.5	78.4	79.2	83.2	86.9	87.1	89.0	89.0	89.7	89.9	90.0	90.2	90.4
GE 800		53.3	60.1	74.9	79.8	80.6	84.6	88.2	88.4	90.3	90.3	91.0	91.2	91.3	91.6	91.8
GE 700		53.4	60.3	75.3	80.2	81.4	85.3	89.4	89.6	91.7	91.7	92.3	92.6	92.7	92.9	93.1
GE 600		53.6	60.4	75.6	80.6	81.7	85.6	90.1	90.7	92.8	92.8	93.7	93.9	94.0	94.2	94.4
GE 500		53.6	60.4	75.7	80.6	81.8	85.7	90.1	90.0	94.3	94.6	95.2	95.7	95.9	96.3	96.6
GE 400		53.9	60.7	76.0	81.2	82.1	86.6	91.6	92.6	95.1	95.8	96.4	96.9	97.1	97.6	97.8
GE 300		53.9	60.8	76.0	81.2	82.1	86.7	91.8	92.9	95.7	96.4	97.3	97.9	98.1	98.6	98.8
GE 200		53.9	60.8	76.0	81.2	82.1	86.7	91.8	92.9	95.7	96.4	97.3	97.9	98.1	98.6	98.8
GE 100		53.9	60.8	76.0	81.2	82.1	86.7	91.8	92.9	95.7	96.4	97.3	97.9	98.1	98.6	98.8
GE 0		53.9	60.8	76.0	81.2	82.1	86.7	91.8	92.9	95.7	96.4	97.3	97.9	98.1	98.6	98.8

TOTAL NUMBER OF OBSERVATIONS: 500

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035833 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 78-87  
MONTH: APR HOURS(UTC): 0600-1100

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GE 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 6	GE 4	GE 3
NO CEIL		23.6	25.3	27.7	28.4	28.6	29.3	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6
GE 20000		29.1	31.0	34.2	35.4	35.6	36.3	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6
GE 18000		29.4	31.3	34.7	35.9	36.0	36.8	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0
GE 16000		29.4	31.3	34.7	35.9	36.0	36.8	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0
GE 14000		29.6	31.4	34.8	36.0	36.1	36.9	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1
GE 12000		29.6	31.4	34.8	36.0	36.1	36.9	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1
GE 10000		31.0	32.9	36.2	37.4	37.6	38.3	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6
GE 9000		31.0	32.9	36.2	37.4	37.6	38.3	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6
GE 8000		33.6	35.8	39.9	41.2	41.3	42.1	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
GE 7000		34.0	36.3	40.8	42.2	42.3	43.1	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
GE 6000		34.2	36.6	41.1	42.6	42.7	43.4	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7
GE 5000		35.9	38.7	43.4	45.0	45.2	46.1	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4
GE 4500		36.2	41.2	46.6	48.4	48.7	49.7	50.0	50.0	50.1	50.1	50.1	50.1	50.1	50.1	50.1
GE 4000		44.9	48.3	53.7	55.6	55.8	56.9	57.3	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4
GE 3500		50.4	54.1	59.8	61.9	62.1	63.2	63.7	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8
GE 3000		59.8	64.2	70.7	72.9	73.1	74.3	74.8	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9
GE 2500		64.6	69.2	75.8	78.0	78.2	79.4	79.9	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 2000		67.9	73.1	80.3	82.6	83.1	84.3	85.1	85.1	85.3	85.4	85.4	85.4	85.4	85.4	85.4
GE 1800		68.4	73.7	80.9	83.3	83.7	84.9	85.7	85.7	85.9	86.0	86.0	86.0	86.0	86.0	86.0
GE 1600		70.6	75.9	83.4	86.3	86.7	87.9	88.8	88.8	89.0	89.1	89.1	89.4	89.4	89.4	89.4
GE 1400		71.8	77.3	85.3	88.6	89.0	90.3	91.2	91.2	91.4	91.6	91.6	91.9	91.9	91.9	91.9
GE 1200		72.0	77.8	86.4	89.8	90.2	91.8	92.7	92.8	93.1	93.2	93.2	93.6	93.6	93.6	93.6
GE 1000		72.2	78.3	87.6	91.0	91.4	93.0	93.9	94.0	94.3	94.4	94.4	94.8	94.8	94.8	94.8
GE 900		72.3	78.4	88.0	91.4	91.9	93.7	94.6	94.8	95.1	95.2	95.2	95.6	95.6	95.6	95.6
GE 800		72.6	78.9	88.6	92.2	92.9	94.8	96.0	96.2	96.7	96.8	96.8	97.1	97.1	97.1	97.1
GE 700		72.6	78.9	88.6	92.2	92.9	94.9	96.4	96.7	97.1	97.2	97.2	97.6	97.6	97.6	97.6
GE 600		72.7	78.9	88.7	92.3	93.0	95.1	97.2	97.4	98.1	98.2	98.3	98.7	98.7	98.7	98.7
GE 500		72.8	78.9	88.7	92.4	93.1	95.2	97.4	97.7	98.8	98.9	99.0	99.3	99.3	99.3	99.3
GE 400		72.8	78.9	88.7	92.4	93.1	95.2	97.4	97.7	98.9	99.2	99.4	99.8	99.8	99.8	99.8
GE 300		72.8	78.9	88.7	92.4	93.1	95.2	97.4	97.7	98.9	99.2	99.6	100.0	100.0	100.0	100.0
GE 200		72.8	78.9	88.7	92.4	93.1	95.2	97.4	97.7	98.9	99.2	99.6	100.0	100.0	100.0	100.0
GE 100		72.8	78.9	88.7	92.4	93.1	95.2	97.4	97.7	98.9	99.2	99.6	100.0	100.0	100.0	100.0

REMARKS: 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035933 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 74-87  
MONTH: APR HOURS/DAY: 1200-1400

CEILING		VISIBILITY IN HUNDREDS OF METERS														
IN	GT	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET	160	90	90	60	48	40	32	24	20	16	12	10	8	6	4	3
NO CEIL		21.7	22.2	23.9	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3
GE 2000		29.4	30.1	31.9	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8
GE 1800		29.4	30.1	31.9	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8
GE 1600		29.4	30.1	31.9	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8
GE 1400		29.4	30.1	31.9	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8
GE 1200		29.6	30.2	32.0	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9
GE 1000		31.4	32.1	33.9	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8
GE 900		31.9	32.6	34.3	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2
GE 800		34.0	34.8	36.7	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6
GE 700		34.1	35.0	37.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0
GE 600		34.1	35.0	37.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0
GE 500		36.1	37.0	39.0	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1
GE 450		40.2	41.2	43.9	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1
GE 400		48.3	49.7	52.1	54.4	54.4	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
GE 350		56.2	59.7	63.3	64.7	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
GE 300		71.2	75.3	77.3	78.4	78.4	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
GE 250		77.2	79.9	84.3	85.4	85.4	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
GE 200		80.0	83.6	88.6	90.3	90.3	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
GE 180		80.4	84.1	89.2	91.0	91.0	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 160		81.2	85.1	90.4	92.4	92.4	92.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 120		82.4	86.6	92.8	95.0	95.0	95.3	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 100		82.6	86.9	93.6	96.0	96.0	96.4	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 90		82.6	86.9	94.1	97.0	97.0	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 80		82.7	87.2	94.6	97.8	98.0	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 70		82.7	87.2	94.8	97.8	98.3	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 60		82.7	87.2	94.8	97.8	98.3	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 50		82.7	87.2	94.8	98.0	98.6	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 40		82.7	87.2	94.8	98.0	98.6	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 30		82.7	87.2	94.8	98.0	98.6	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 20		82.7	87.2	94.8	98.0	98.6	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 10		82.7	87.2	94.8	98.0	98.6	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 0		82.7	87.2	94.8	98.0	98.6	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS: 900



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035831 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 78-87  
MONTH: APR HOURS (LST): 1400-1700

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN FEET	1	GT 160	GE 90	GE 80	GF 60	GE 48	GE 40	GL 32	GF 24	GE 20	GE 16	GL 12	GF 10	GE 8	GF 6	GE 4	GF 0
NO CEIL	1	25.7	26.1	27.1	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4
GE 20000		33.2	34.1	35.2	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7
GE 18000		33.4	34.3	35.4	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9
GE 16000		33.4	34.3	35.4	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9
GE 14000		33.4	34.3	35.4	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9
GE 12000		34.1	35.0	36.1	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6
GE 10000		36.0	36.9	38.0	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4
GE 9000		36.2	37.1	38.2	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7
GE 8000		40.9	41.8	42.9	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
GE 7000		41.9	42.8	43.9	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
GE 6000		42.0	43.1	44.2	44.7	44.7	44.7	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8
GE 5000		44.7	45.8	46.9	47.3	47.3	47.3	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
GE 4500		49.0	50.4	51.9	52.4	52.6	52.7	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
GE 4000		57.7	59.9	61.6	62.3	62.4	62.7	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
GE 3500		65.8	68.4	70.8	71.3	71.4	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
GE 3000		77.2	80.2	82.8	83.4	83.6	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 2500		81.0	84.3	87.7	88.3	88.4	88.9	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE 2000		82.4	86.2	90.1	90.9	91.0	91.4	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 1800		82.4	86.2	90.4	91.2	91.3	91.8	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 1500		83.2	87.7	91.9	92.7	93.0	94.0	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 1200		83.9	89.0	93.8	94.7	95.0	96.0	96.1	96.1	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 1000		84.1	89.3	94.6	95.6	96.0	97.2	97.3	97.3	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 900		84.1	89.4	94.9	95.9	96.3	97.6	97.7	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 800		84.1	89.8	95.6	96.8	97.2	98.4	99.0	99.1	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 700		84.1	89.8	95.6	96.8	97.2	98.6	99.1	99.2	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8
GE 600		84.1	89.8	95.6	96.8	97.2	98.6	99.1	99.2	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8
GE 500		84.1	89.8	95.6	96.8	97.2	98.6	99.1	99.2	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9
GE 400		84.1	89.8	95.6	96.8	97.2	98.6	99.1	99.2	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9
GE 300		84.1	89.8	95.6	96.8	97.2	98.6	99.1	99.2	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0
GE 200		84.1	89.8	95.6	96.8	97.2	98.6	99.1	99.2	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0
GE 100		84.1	89.8	95.6	96.8	97.2	98.6	99.1	99.2	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0
GE 0		84.1	89.8	95.6	96.8	97.2	98.6	99.1	99.2	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035833 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 78-87  
MONTH: APR HOURS(IST): 1000-2000

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	GT	GE	GE	GE	GE	GE	GE	GF	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET	160	00	00	00	00	00	00	32	24	20	16	12	10	8	5	4	0
NO CEIL		32.0	33.7	34.6	35.4	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6
GE 20000		41.3	43.3	44.3	45.4	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
GE 18000		41.7	43.7	44.7	45.8	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9
GE 16000		41.7	43.7	44.7	45.8	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9
GE 14000		41.7	43.7	44.7	45.8	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9
GE 12000		41.8	43.8	44.8	45.9	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
GE 10000		43.3	45.4	46.6	47.7	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
GE 9000		43.6	45.7	46.9	48.2	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
GE 8000		47.9	50.3	51.7	53.0	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
GE 7000		48.4	51.0	52.3	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
GE 6000		48.6	51.1	52.4	53.8	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
GE 5000		49.9	52.4	54.0	55.3	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
GE 4500		53.9	56.9	58.9	60.3	60.4	60.4	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
GE 4000		61.9	65.6	68.0	69.8	69.9	69.9	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
GE 3500		67.8	71.7	74.3	76.1	76.2	76.2	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
GE 3000		74.2	78.8	81.8	83.8	83.9	83.9	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 2500		77.1	82.0	85.0	87.0	87.2	87.4	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 2000		79.0	84.7	88.2	90.6	90.8	91.3	92.1	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 1800		79.1	84.8	88.4	90.8	91.0	91.6	92.3	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 1500		79.6	85.8	89.9	92.2	92.4	93.1	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 1200		80.1	86.7	91.8	94.1	94.3	95.1	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 1000		80.3	86.9	92.0	94.3	94.6	95.8	96.7	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 900		80.3	86.9	92.2	94.6	94.6	96.1	97.1	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 800		80.7	87.6	93.3	95.7	95.9	97.2	98.2	98.4	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 700		80.7	87.6	93.3	95.7	95.9	97.3	98.3	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 600		80.7	87.6	93.3	95.7	95.9	97.4	98.4	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 500		80.7	87.6	93.3	95.7	95.9	97.4	98.4	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 400		80.7	87.6	93.3	95.7	95.9	97.4	98.4	99.0	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 300		80.7	87.6	93.3	95.7	95.9	97.4	98.4	99.0	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 200		80.7	87.6	93.3	95.7	95.9	97.4	98.4	99.0	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 100		80.7	87.6	93.3	95.8	96.0	97.6	98.6	99.1	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0		80.7	87.6	93.3	95.8	96.0	97.6	98.6	99.1	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035833 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 78-97  
MONTH: APR HOURS (LST): 2100-2300

CEILING IN FEET	GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE J
NO CEIL		37.3	39.6	41.6	42.3	42.3	42.6	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
GE 20000		43.1	46.2	48.6	49.4	49.7	50.0	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
GE 18000		43.4	46.6	48.9	49.6	50.0	50.3	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
GE 16000		43.4	46.6	48.9	49.8	50.0	50.3	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
GE 14000		43.6	46.7	49.0	49.9	50.1	50.4	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
GE 12000		43.6	46.7	49.0	49.9	50.1	50.4	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
GE 10000		45.0	48.1	50.4	51.3	51.6	51.9	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
GE 9000		45.3	48.4	50.8	51.7	51.9	52.2	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
GE 8000		48.3	51.7	54.1	55.0	55.2	55.6	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
GE 7000		48.8	52.1	54.6	55.4	55.7	56.0	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
GE 6000		48.8	52.1	54.6	55.4	55.7	56.0	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
GE 5000		50.9	54.3	57.0	57.9	58.2	58.7	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
GE 4500		54.2	58.0	60.8	62.2	62.6	63.0	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
GE 4000		60.3	65.0	68.4	70.1	70.4	70.9	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
GE 3500		64.6	69.4	73.4	75.2	75.6	76.0	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
GE 3000		69.4	74.7	79.0	80.8	81.1	81.6	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
GE 2500		72.6	77.9	82.3	84.1	84.4	84.9	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 2000		76.0	81.9	86.3	88.2	88.6	89.3	89.9	89.9	89.9	89.9	90.0	90.0	90.0	90.0	90.0
GE 1800		76.2	82.1	86.6	88.4	88.8	89.6	90.1	90.1	90.1	90.1	90.2	90.2	90.2	90.2	90.2
GE 1500		77.3	83.8	88.3	90.2	90.6	91.3	91.9	91.9	91.9	91.9	92.0	92.0	92.0	92.0	92.0
GE 1200		78.4	85.4	90.4	92.4	92.8	93.6	94.6	94.6	94.6	94.6	94.7	94.7	94.7	94.7	94.7
GE 1000		78.4	85.7	90.9	92.9	93.2	94.1	95.1	95.1	95.1	95.1	95.2	95.2	95.2	95.2	95.2
GE 900		78.4	85.9	91.2	93.2	93.6	94.6	95.7	95.8	95.8	95.8	95.9	95.9	95.9	95.9	95.9
GE 800		79.1	86.7	92.2	94.4	94.8	95.8	97.1	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.3
GE 700		79.1	86.7	92.3	94.7	95.0	96.3	97.7	97.8	97.8	97.8	97.9	97.9	97.9	97.9	97.9
GE 600		79.1	86.7	92.8	95.1	95.4	96.9	98.2	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4
GE 500		79.1	86.7	92.8	95.1	95.4	97.1	98.4	98.6	98.6	98.6	98.8	98.9	98.9	98.9	98.9
GE 400		79.1	86.7	92.8	95.1	95.4	97.4	98.8	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0
GE 300		79.1	86.7	92.8	95.2	95.6	97.6	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 200		79.1	86.7	92.8	95.2	95.6	97.6	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 100		79.1	86.7	92.8	95.2	95.6	97.6	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 0		79.1	86.7	92.8	95.2	95.6	97.6	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035833 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 78-87  
MONTH: APR HOURS (LST): ALL

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 6	GE 4	GE 0
NO CEIL		27.0	29.0	31.4	32.2	32.3	33.0	33.5	33.5	33.7	33.7	33.7	33.8	33.9	33.9	33.9
GE 20000		33.0	35.4	38.2	39.2	39.4	40.1	40.7	40.7	41.0	41.0	41.0	41.1	41.1	41.1	41.1
GE 18000		33.2	35.6	38.5	39.5	39.6	40.4	40.9	41.0	41.2	41.3	41.3	41.3	41.4	41.4	41.5
GE 16000		33.2	35.6	38.5	39.5	39.6	40.4	40.9	41.0	41.2	41.3	41.3	41.3	41.4	41.4	41.5
GE 14000		33.2	35.6	38.5	39.5	39.6	40.4	41.0	41.0	41.3	41.3	41.3	41.4	41.4	41.4	41.5
GE 12000		33.3	35.8	38.6	39.6	39.8	40.6	41.1	41.2	41.4	41.4	41.4	41.5	41.5	41.5	41.6
GE 10000		34.7	37.2	40.1	41.1	41.3	42.1	42.6	42.7	42.9	42.9	43.0	43.0	43.0	43.1	43.2
GE 9000		35.0	37.5	40.4	41.5	41.6	42.4	42.9	43.0	43.2	43.2	43.3	43.3	43.4	43.4	43.5
GE 8000		38.4	41.1	44.6	45.8	46.0	46.8	47.4	47.4	47.7	47.7	47.7	47.8	47.8	47.8	47.9
GE 7000		39.0	41.8	45.4	46.7	46.8	47.7	48.2	48.3	48.5	48.5	48.5	48.6	48.6	48.7	48.8
GE 6000		39.1	41.9	45.6	46.9	47.0	47.9	48.4	48.5	48.7	48.8	48.8	48.8	48.9	48.9	49.0
GE 5000		40.9	43.8	47.7	49.1	49.3	50.2	50.8	50.9	51.2	51.2	51.2	51.3	51.3	51.4	51.5
GE 4500		44.4	47.7	52.0	53.7	53.9	55.0	55.6	55.7	56.0	56.1	56.1	56.2	56.2	56.2	56.3
GE 4000		51.2	55.1	60.0	61.8	62.1	63.2	64.0	64.1	64.5	64.5	64.6	64.6	64.6	64.7	64.8
GE 3500		56.5	60.7	66.0	67.9	68.2	69.4	70.3	70.3	70.7	70.7	70.6	70.9	70.9	71.0	71.1
GE 3000		63.6	68.4	74.0	76.0	76.4	77.7	78.6	78.7	79.2	79.2	79.3	79.3	79.4	79.4	79.5
GE 2500		67.3	72.4	78.4	80.4	80.6	82.2	83.1	83.2	83.7	83.8	83.8	83.9	83.9	84.0	84.1
GE 2000		70.1	75.7	82.3	84.6	84.9	86.4	87.5	87.6	88.1	88.2	88.3	88.3	88.4	88.4	88.5
GE 1800		70.3	76.0	82.7	84.9	85.3	86.8	87.9	88.0	88.5	88.6	88.7	88.7	88.8	88.8	88.9
GE 1500		71.6	77.6	84.5	87.0	87.4	89.0	90.1	90.2	90.8	90.8	90.9	91.0	91.1	91.2	91.2
GE 1200		72.5	78.8	86.3	89.0	89.4	91.1	92.3	92.4	93.0	93.0	93.1	93.2	93.3	93.4	93.4
GE 1000		72.8	79.2	87.1	89.8	90.3	92.1	93.3	93.4	94.0	94.1	94.2	94.3	94.4	94.4	94.5
GE 900		72.8	79.4	87.5	90.3	90.8	92.6	93.8	94.0	94.6	94.7	94.8	94.9	95.0	95.1	95.1
GE 800		73.1	79.8	88.3	91.1	91.6	93.5	94.9	95.0	95.7	95.8	95.9	96.0	96.1	96.1	96.2
GE 700		73.2	80.0	88.5	91.4	92.0	94.0	95.5	95.7	96.4	96.4	96.6	96.7	96.7	96.8	96.9
GE 600		73.2	80.0	88.6	91.6	92.2	94.3	95.9	96.1	96.9	97.0	97.2	97.3	97.3	97.4	97.5
GE 500		73.2	80.1	88.8	91.9	92.4	94.7	96.6	96.9	97.6	97.9	98.1	98.2	98.3	98.4	98.5
GE 400		73.3	80.2	88.9	92.0	92.6	94.9	97.0	97.3	98.4	98.6	98.7	98.8	98.9	99.0	99.1
GE 300		73.3	80.2	88.9	92.1	92.6	95.0	97.2	97.5	98.5	98.7	98.9	99.1	99.3	99.4	99.5
GE 200		73.3	80.2	88.9	92.1	92.6	95.0	97.2	97.5	98.7	99.0	99.2	99.5	99.7	99.8	99.9
GE 100		73.3	80.2	88.9	92.1	92.6	95.1	97.2	97.6	98.7	99.0	99.2	99.5	99.7	99.8	100.0
GE CL		73.3	80.2	88.9	92.1	92.6	95.1	97.2	97.6	98.7	99.0	99.2	99.5	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 7199

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM FOURLY OBSERVATIONS

STATION NUMBER: 015R33 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 78-87  
MONTH: MAY HOURS(EST): 0000-0100

CEILING IN FEET	GT 160	GF 90	GE 90	GF 60	GE 48	GE 40	GE 32	GF 24	GE 20	GE 16	GF 12	GE 10	GF 8	GF 5	GF 4	GF 0
NO CEIL		42.5	44.5	47.1	48.2	48.3	49.0	49.3	49.6	49.7	49.7	49.8	49.8	49.9	49.9	50.0
GE 20000		45.0	47.3	49.9	51.1	51.3	51.9	52.2	52.6	52.7	52.7	52.8	52.8	52.9	52.9	53.0
GE 18000		45.2	47.5	50.2	51.4	51.5	52.1	52.5	52.8	52.9	52.9	53.0	53.0	53.1	53.1	53.2
GE 16000		45.2	47.5	50.2	51.4	51.5	52.1	52.5	52.8	52.9	52.9	53.0	53.0	53.1	53.1	53.2
GE 14000		45.2	47.5	50.2	51.4	51.5	52.1	52.5	52.8	52.9	52.9	53.0	53.0	53.1	53.1	53.2
GE 12000		45.2	47.5	50.2	51.4	51.5	52.1	52.5	52.8	52.9	52.9	53.0	53.0	53.1	53.1	53.2
GE 10000		46.8	49.2	51.9	53.2	53.3	54.0	54.3	54.6	54.8	54.8	54.9	54.9	55.0	55.0	55.1
GE 9000		46.9	49.3	52.0	53.3	53.4	54.1	54.4	54.8	54.9	54.9	55.0	55.0	55.1	55.1	55.2
GE 8000		49.5	52.3	55.2	56.6	56.7	57.4	57.7	58.0	58.1	58.1	58.3	58.3	58.4	58.4	58.5
GE 7000		50.3	53.3	56.3	57.8	57.9	58.8	59.1	59.5	59.6	59.6	59.7	59.7	59.8	59.8	60.0
GE 6000		50.5	53.6	56.5	58.0	58.1	59.0	59.3	59.7	59.8	59.8	59.9	59.9	60.0	60.0	60.3
GE 5000		52.1	55.2	59.0	60.7	60.8	61.7	62.1	62.4	62.5	62.5	62.6	62.6	62.7	62.7	63.1
GE 4500		55.8	59.3	63.5	65.1	65.2	66.6	66.9	67.2	67.3	67.3	67.4	67.4	67.5	67.5	67.9
GE 4000		60.4	64.6	69.2	71.1	71.3	72.6	72.9	73.2	73.3	73.3	73.4	73.4	73.6	73.6	73.9
GE 3500		63.1	67.8	72.3	74.3	74.4	75.7	76.1	76.4	76.5	76.5	76.6	76.6	76.7	76.7	77.0
GE 3000		66.2	71.1	75.8	77.6	77.9	79.5	79.9	80.2	80.3	80.3	80.4	80.4	80.5	80.5	80.9
GE 2500		66.9	72.0	76.8	78.8	78.9	80.4	81.1	81.4	81.5	81.5	81.6	81.6	81.7	81.7	82.1
GE 2000		68.4	73.8	78.8	80.9	81.0	82.5	83.2	83.5	83.6	83.6	83.7	83.7	83.8	83.8	84.2
GE 1800		68.7	74.2	79.2	81.3	81.4	83.0	83.6	83.9	84.0	84.0	84.2	84.2	84.3	84.3	84.6
GE 1500		70.1	75.7	81.1	83.2	83.4	84.9	85.6	85.9	86.0	86.0	86.1	86.1	86.2	86.2	86.6
GE 1200		70.6	76.7	82.5	84.6	84.9	86.4	87.1	87.4	87.5	87.5	87.7	87.7	87.8	87.8	88.1
GE 1000		71.1	77.5	84.0	86.1	86.4	88.0	88.6	89.0	89.1	89.1	89.2	89.2	89.3	89.3	89.6
GE 900		71.8	78.1	84.9	87.0	87.3	88.9	89.5	89.8	89.9	89.9	90.1	90.1	90.2	90.2	90.5
GE 800		72.1	78.7	86.0	88.7	89.2	90.8	91.5	91.8	91.9	91.9	92.0	92.0	92.1	92.1	92.5
GE 700		72.5	79.2	87.1	90.1	90.5	92.2	92.9	93.2	93.3	93.3	93.4	93.4	93.6	93.6	93.9
GE 600		72.5	79.6	88.0	91.6	92.2	94.1	94.8	95.4	95.5	95.5	95.6	95.6	95.7	95.7	96.1
GE 500		72.5	79.7	88.5	92.3	92.0	94.7	95.6	96.3	96.4	96.4	96.6	96.6	96.7	96.7	97.0
GE 400		72.5	79.8	88.7	92.8	93.6	95.6	96.4	97.3	97.4	97.4	97.6	97.6	97.7	97.7	98.0
GE 300		72.5	79.8	88.7	92.8	93.6	95.7	97.2	98.1	98.4	98.4	98.6	98.6	98.7	98.7	99.0
GE 200		72.5	79.8	88.7	92.8	93.6	95.7	97.3	98.4	98.6	98.6	98.8	98.8	98.9	98.9	99.7
GE 100		72.5	79.8	88.7	92.8	93.6	95.7	97.3	98.4	98.6	98.6	98.8	98.8	99.1	99.3	100.0
GE 0		72.5	79.8	88.7	92.8	93.6	95.7	97.3	98.4	98.6	98.6	98.8	98.8	99.1	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS: 915

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035833 STATION NAME: RAF LAKELHEATH UNITED KINGDOM

PERIOD OF RECORD: 78-87  
MONTH: MAY HOURS (LST): 1300-0500

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GE 160	GE 90	GE 90	GE 60	GE 40	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL		28.4	31.3	34.6	36.2	36.9	38.1	38.5	38.7	38.9	39.1	39.5	39.6	39.9	39.9	41.1
GE 20000		21.3	34.6	38.5	39.9	41.7	41.9	42.2	42.4	42.8	43.1	43.4	43.5	43.8	43.8	45.0
GE 18000		21.4	34.8	38.6	40.0	41.8	42.0	42.3	42.5	43.0	43.2	43.5	43.6	43.9	43.9	45.1
GE 16000		21.4	34.8	38.6	40.0	41.8	42.0	42.3	42.5	43.0	43.2	43.5	43.6	43.9	43.9	45.1
GE 14000		21.4	34.8	38.6	40.0	41.8	42.0	42.3	42.5	43.0	43.2	43.5	43.6	43.9	43.9	45.1
GE 12000		21.4	34.8	38.6	40.0	41.8	42.0	42.3	42.5	43.0	43.2	43.5	43.6	43.9	43.9	45.1
GE 10000		21.9	35.3	39.2	40.8	41.5	42.8	43.4	43.6	44.0	44.3	44.6	44.7	45.0	45.0	46.2
GE 9000		22.2	35.6	39.6	41.1	41.9	43.2	43.7	43.9	44.4	44.6	44.9	45.0	45.4	45.4	46.6
GE 8000		25.2	39.6	43.7	45.4	46.1	47.4	48.0	48.3	48.7	49.1	49.4	49.5	49.8	49.8	51.0
GE 7000		25.8	40.5	45.1	46.9	47.7	49.2	50.2	50.5	51.0	51.4	51.7	51.8	52.1	52.1	53.3
GE 6000		26.0	40.9	45.5	47.2	48.0	49.5	50.5	50.8	51.4	51.7	52.0	52.1	52.5	52.5	53.7
GE 5000		27.4	42.6	47.8	49.9	50.6	52.5	53.7	54.0	54.8	55.1	55.4	55.5	55.8	55.8	57.0
GE 4500		40.0	46.0	51.8	54.6	55.5	57.2	58.4	58.7	59.5	59.8	60.1	60.2	60.5	60.5	61.7
GE 4000		44.9	51.5	57.6	61.1	62.0	63.7	64.9	65.5	66.2	66.6	66.9	67.0	67.3	67.3	68.5
GE 3500		46.7	53.6	59.6	63.4	64.3	66.3	67.5	68.1	68.9	69.2	69.5	69.6	69.9	69.9	71.1
GE 3000		49.0	56.1	62.5	66.1	67.0	69.2	70.4	70.9	71.7	72.0	72.3	72.5	72.8	72.8	74.0
GE 2500		50.2	57.4	64.2	69.0	69.9	71.0	72.3	72.9	73.7	74.0	74.3	74.4	74.8	74.8	76.0
GE 2000		51.8	59.3	67.3	71.3	72.1	74.3	75.6	76.2	76.9	77.3	77.6	77.7	78.0	78.0	79.2
GE 1800		52.0	59.6	67.5	71.5	72.3	74.6	76.0	76.5	77.3	77.6	77.9	78.0	78.4	78.4	79.6
GE 1600		53.3	61.3	70.1	74.3	75.3	77.9	79.2	79.8	80.5	80.9	81.2	81.3	81.6	81.6	82.8
GE 1400		53.9	62.2	71.3	75.7	76.7	79.8	81.1	81.6	82.4	82.7	83.1	83.2	83.5	83.5	84.7
GE 1200		54.3	62.7	72.3	76.8	77.8	80.9	82.2	82.7	83.6	83.9	84.3	84.5	84.8	84.8	86.0
GE 1000		54.6	63.2	73.1	77.7	78.7	82.3	83.6	84.2	85.0	85.4	85.7	85.9	86.2	86.2	87.4
GE 900		55.1	64.2	74.9	79.6	80.5	84.4	86.0	86.6	87.4	87.8	88.1	88.3	88.6	88.6	89.8
GE 800		55.1	64.2	75.0	80.0	81.1	85.1	86.8	87.1	88.2	88.5	88.9	89.1	89.4	89.4	90.6
GE 700		55.1	64.4	75.3	80.3	81.5	86.2	88.2	88.7	89.6	89.9	90.3	90.5	90.8	90.8	92.0
GE 600		55.1	64.7	76.4	82.1	83.4	88.5	90.6	91.1	92.0	92.6	93.0	93.2	93.6	93.6	94.8
GE 500		55.1	64.7	76.6	82.5	83.8	89.5	91.9	92.6	93.8	94.4	95.1	95.4	96.0	96.0	97.2
GE 400		55.1	64.7	76.6	82.5	83.8	89.5	92.2	92.9	94.5	95.2	95.8	96.2	96.8	96.8	98.3
GE 300		55.1	64.7	76.6	82.5	83.8	89.5	92.2	92.9	94.5	95.2	95.8	96.2	96.8	96.8	98.3
GE 200		55.1	64.7	76.6	82.5	83.8	89.5	92.2	92.9	94.5	95.2	95.8	96.2	96.8	96.8	98.3
GE 100		55.1	64.7	76.6	82.5	83.8	89.5	92.2	92.9	94.5	95.2	95.8	96.2	96.8	96.8	98.3
GE 0		55.1	64.7	76.6	82.5	83.8	89.5	92.2	92.9	94.5	95.4	96.2	96.6	97.4	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS: 915

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035833 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 76-87  
MONTH: MAY HOURS(IST): 0500-0000

CEILING IN FEET	GT 160	GE 90	GE 80	GF 60	GE 48	GE 40	VISIBILITY IN HUNDREDS OF METERS										GE 8	GE 5	GE 4	GF 0
							GE 32	GF 24	GE 20	GF 16	GE 12	GE 10	GE 8	GE 5	GE 4	GF 0				
NO CEIL		23.5	25.9	28.9	30.3	30.5	31.4	31.6	31.6	31.7	31.9	31.9	31.9	31.9	32.1	32.3	32.7			
GE 20000		26.2	31.1	35.0	36.4	36.7	37.7	37.9	37.9	38.0	38.2	38.2	38.2	38.3	38.5	38.5	38.5	38.5	38.5	38.5
GE 18000		28.4	31.3	35.3	36.8	37.0	38.0	38.2	38.2	38.2	38.2	38.3	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5
GE 16000		28.4	31.3	35.3	36.8	37.0	38.0	38.2	38.2	38.2	38.2	38.3	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5
GE 14000		28.4	31.3	35.3	36.8	37.0	38.0	38.2	38.2	38.2	38.2	38.3	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5
GE 12000		28.4	31.3	35.3	36.8	37.0	38.0	38.2	38.2	38.2	38.2	38.3	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5
GE 10000		29.3	32.5	36.9	38.4	38.6	39.8	40.1	40.1	40.4	40.6	40.6	40.6	40.6	40.7	40.9	41.4			
GE 9000		29.7	32.9	37.3	38.9	39.1	40.3	40.5	40.5	40.8	41.1	41.1	41.1	41.1	41.2	41.4	41.5			
GE 8000		25.0	39.2	44.2	46.1	46.3	47.5	47.7	47.7	48.1	48.3	48.3	48.3	48.3	48.4	48.6	49.1			
GE 7000		26.7	41.1	46.9	49.1	49.3	50.7	51.0	51.0	51.6	51.8	51.8	51.8	51.8	51.9	52.1	52.6			
GE 6000		26.7	41.1	46.9	49.1	49.3	50.7	51.0	51.0	51.6	51.8	51.8	51.8	51.9	52.1	52.6				
GE 5000		27.9	42.5	48.5	51.2	51.4	53.0	53.3	53.3	54.1	54.3	54.3	54.3	54.3	54.4	54.7	55.1			
GE 4500		29.5	44.3	50.8	53.7	54.0	55.7	56.0	56.0	56.6	57.0	57.0	57.0	57.0	57.1	57.3	57.7			
GE 4000		43.9	49.1	56.9	60.2	60.5	62.5	63.0	63.0	64.1	64.3	64.3	64.3	64.3	64.4	64.7	65.1			
GE 3500		46.1	51.5	59.4	62.7	63.1	65.4	66.3	66.3	67.4	67.6	67.6	67.6	67.6	67.7	67.9	68.4			
GE 3000		48.8	54.6	62.7	66.4	67.0	69.6	70.7	70.7	71.8	72.0	72.0	72.0	72.0	72.1	72.3	72.5			
GE 2500		49.4	55.5	64.3	67.7	68.3	70.9	72.0	72.0	73.1	73.3	73.3	73.3	73.3	73.4	73.7	74.1			
GE 2000		51.2	57.6	67.4	71.4	71.9	74.5	75.6	75.6	76.7	77.3	77.3	77.3	77.3	77.4	77.6	78.0			
GE 1800		51.7	58.4	68.3	72.2	72.8	75.6	76.7	76.7	77.8	78.4	78.4	78.4	78.4	78.5	78.7	79.1			
GE 1500		53.8	61.0	71.6	76.4	76.9	80.0	81.1	81.1	82.2	82.8	82.8	82.8	82.8	82.9	83.1	83.5			
GE 1200		55.1	62.6	74.2	79.4	80.0	83.2	84.3	84.3	85.4	85.9	85.9	85.9	85.9	86.1	86.3	86.7			
GE 1000		55.7	63.1	76.2	81.4	82.1	85.4	86.7	86.7	87.8	88.4	88.4	88.4	88.4	88.5	88.7	89.1			
GE 900		56.1	63.7	77.2	82.5	83.2	86.6	87.9	87.9	89.0	89.6	89.6	89.6	89.6	89.7	89.9	90.3			
GE 800		56.2	64.0	78.0	83.4	84.1	87.8	89.2	89.2	90.3	90.9	90.9	90.9	90.9	91.0	91.2	91.7			
GE 700		56.2	64.3	78.5	84.3	85.0	88.8	90.7	90.7	92.0	92.6	92.6	92.6	92.6	92.9	93.1	93.5			
GE 600		56.3	64.7	79.1	85.2	85.8	89.9	92.0	92.0	93.9	94.5	94.5	94.5	94.5	94.7	95.0	95.4			
GE 500		56.4	64.9	79.6	85.9	86.6	91.1	93.5	93.5	95.4	96.2	96.2	96.2	96.2	96.3	96.6	97.0			
GE 400		56.5	65.0	79.7	86.2	87.0	91.7	94.5	94.5	96.6	97.8	97.8	97.8	97.8	98.0	98.2	98.7			
GE 300		56.5	65.0	79.7	86.2	87.0	91.7	94.5	94.5	96.7	98.1	98.2	98.2	98.2	98.4	98.6	99.3			
GE 200		56.5	65.0	79.7	86.2	87.0	91.7	94.5	94.5	96.9	98.1	98.2	98.2	98.2	98.4	98.6	99.7			
GE 100		56.5	65.0	79.7	86.2	87.0	91.7	94.6	94.6	97.0	98.2	98.2	98.2	98.2	98.4	98.6	100.0			
GE 0		56.5	65.0	79.7	86.2	87.0	91.7	94.6	94.6	97.0	98.2	98.2	98.2	98.2	98.4	98.6	100.0			

TOTAL NUMBER OF OBSERVATIONS: 911

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035833 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 78-87  
MONTH: MAY HOURS(IST): 0900-1100

CEILING		VISIBILITY IN HUNDREDS OF METERS																
IN	GT	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET	100	90	80	60	40	40	32	24	20	16	12	10	8	5	4	3		
NO CEIL		23.6	25.2	25.9	26.3	26.4	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5
GE 20000		28.7	30.9	31.9	32.7	32.8	32.9	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0
GE 18000		28.8	31.0	32.0	32.8	32.9	33.0	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1
GE 16000		28.6	31.0	32.0	32.8	32.9	33.0	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1
GE 14000		28.8	31.0	32.0	32.8	32.9	33.0	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1
GE 12000		29.2	31.4	32.3	33.1	33.2	33.3	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4
GE 10000		30.7	33.0	34.1	34.9	35.0	35.1	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2
GE 9000		31.1	33.4	34.5	35.3	35.4	35.5	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6
GE 8000		36.2	38.7	40.6	41.3	41.4	41.6	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7
GE 7000		37.5	40.0	42.3	43.2	43.3	43.5	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6
GE 6000		37.5	40.0	42.3	43.2	43.3	43.5	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6
GE 5000		39.0	41.9	44.8	45.8	45.9	46.2	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3
GE 4500		41.0	44.0	47.0	48.2	48.4	48.6	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
GE 4000		47.7	51.3	55.6	56.8	56.9	57.5	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
GE 3500		53.8	57.5	62.2	63.4	63.5	64.0	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
GE 3000		66.8	70.7	75.9	77.1	77.2	77.7	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
GE 2500		69.6	73.9	79.4	80.7	80.8	81.4	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 2000		71.7	76.3	82.9	84.3	84.5	85.2	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
GE 1800		72.7	77.3	83.9	85.3	85.5	86.2	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
GE 1500		75.7	80.8	88.4	89.9	90.1	90.8	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 1200		77.2	82.9	91.9	94.0	94.3	95.1	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 1000		77.7	83.4	93.1	95.6	95.9	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 900		78.1	83.8	93.6	96.2	96.5	97.4	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 800		76.2	83.9	94.1	96.7	97.0	97.9	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 700		78.2	83.9	94.1	96.8	97.1	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 600		78.2	83.9	94.1	97.0	97.4	98.2	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 500		76.2	83.9	94.1	97.0	97.6	98.5	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 400		76.2	83.9	94.1	97.0	97.6	98.5	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 300		76.2	83.9	94.1	97.0	97.6	98.5	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 200		76.2	83.9	94.1	97.0	97.6	98.5	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 100		76.2	83.9	94.1	97.0	97.6	98.5	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 0		76.2	83.9	94.1	97.0	97.6	98.5	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1

TOTAL NUMBER OF OBSERVATIONS: 912



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035833 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 75-87  
MONTH: MAY HOURS (LST): 1200-1400

CEILING		VISIBILITY IN HUNDREDS OF METERS														
IN FEET	GE 100	GE 90	GE 80	GE 60	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 6	GE 4	GE 0	
NO CEIL		24.8	25.6	25.9	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	
GE 20000		20.8	31.8	32.4	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	
GE 18000		21.2	32.2	32.7	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	
GE 16000		21.2	32.2	32.7	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	
GE 14000		21.3	32.3	32.8	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	
GE 12000		21.8	32.8	33.4	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	
GE 10000		23.3	34.5	35.1	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	
GE 9000		23.8	35.0	35.7	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	
GE 8000		27.0	38.4	39.5	40.0	40.0	40.0	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	
GE 7000		27.9	39.4	40.5	41.0	41.0	41.0	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	
GE 6000		28.1	39.6	40.7	41.2	41.2	41.2	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	
GE 5000		40.1	41.7	43.1	43.5	43.5	43.5	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	
GE 4500		44.5	46.1	47.5	47.9	47.9	47.9	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	
GE 4000		54.2	56.1	58.0	58.5	58.5	58.5	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	
GE 3500		62.4	64.4	67.0	67.6	67.6	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	
GE 3000		76.7	79.2	82.7	83.4	83.4	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	
GE 2500		78.6	81.5	85.5	86.1	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	
GE 2000		82.2	85.4	89.6	90.4	90.4	90.4	90.6	90.6	90.7	91.0	91.0	91.0	91.0	91.0	
GE 1800		82.4	85.7	90.0	90.7	90.7	90.7	91.0	91.0	91.1	91.3	91.3	91.3	91.3	91.3	
GE 1500		84.0	88.1	93.2	94.1	94.2	94.3	94.5	94.5	94.6	94.8	94.8	94.8	94.8	94.8	
GE 1200		85.2	89.4	95.3	96.3	96.5	96.6	96.8	96.8	96.9	97.1	97.1	97.1	97.1	97.1	
GE 1000		85.4	90.0	96.3	97.4	97.6	97.7	97.9	97.9	98.0	98.2	98.2	98.2	98.2	98.2	
GE 900		85.4	90.0	96.4	97.6	97.8	97.9	98.1	98.1	98.2	98.5	98.5	98.5	98.5	98.5	
GE 800		85.4	90.0	96.4	97.8	98.0	98.1	98.3	98.3	98.7	98.9	98.9	98.9	98.9	98.9	
GE 700		85.4	90.0	96.5	97.9	98.1	98.3	98.6	98.6	98.9	99.1	99.1	99.1	99.1	99.1	
GE 600		85.4	90.0	96.5	97.9	98.1	98.3	98.8	98.8	99.1	99.3	99.3	99.3	99.3	99.3	
GE 500		85.4	90.1	96.6	98.0	98.2	98.6	99.0	99.1	99.6	99.8	99.8	99.8	99.8	99.8	
GE 400		85.4	90.1	96.7	98.1	98.3	98.7	99.1	99.2	99.8	100.0	100.0	100.0	100.0	100.0	
GE 300		85.4	90.1	96.7	98.1	98.3	98.7	99.1	99.2	99.8	100.0	100.0	100.0	100.0	100.0	
GE 200		85.4	90.1	96.7	98.1	98.3	98.7	99.1	99.2	99.8	100.0	100.0	100.0	100.0	100.0	
GE 100		85.4	90.1	96.7	98.1	98.3	98.7	99.1	99.2	99.8	100.0	100.0	100.0	100.0	100.0	
GE C		85.4	90.1	96.7	98.1	98.3	98.7	99.1	99.2	99.8	100.0	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: 908

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035833 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 78-87  
MONTH: MAY HOURS(UTC): 1600-1700

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	1	160	90	80	60	48	40	32	24	20	16	12	10	8	6	4
NO CEIL		27.5	29.3	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1
GE 20000		34.4	35.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2
GE 18000		34.8	35.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5
GE 16000		34.8	35.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5
GE 14000		34.9	35.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6
GE 12000		35.1	35.9	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8
GE 10000		36.3	37.4	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6
GE 9000		36.5	37.8	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0
GE 8000		40.1	42.0	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
GE 7000		41.7	43.5	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8
GE 6000		41.8	43.6	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
GE 5000		44.0	46.6	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
GE 4500		50.8	52.7	54.9	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
GE 4000		61.3	63.3	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
GE 3500		69.0	70.9	73.9	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE 3000		80.6	83.3	87.2	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 2500		82.7	85.3	89.5	90.2	90.2	90.4	90.4	90.4	90.4	90.4	90.5	90.5	90.5	90.5	90.5
GE 2000		85.2	88.2	92.4	93.2	93.3	93.4	93.4	93.4	93.4	93.4	93.5	93.5	93.5	93.5	93.5
GE 1800		85.2	88.3	92.5	93.4	93.5	93.8	93.8	93.8	93.8	93.8	93.9	93.9	93.9	93.9	93.9
GE 1600		86.1	89.4	94.3	95.5	95.7	96.1	96.1	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2
GE 1400		86.4	90.0	95.2	96.4	96.6	96.9	96.9	96.9	96.9	96.9	97.0	97.0	97.0	97.0	97.0
GE 1200		86.5	90.5	96.2	97.8	98.0	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7
GE 1000		86.5	90.5	96.2	97.9	98.1	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9
GE 900		86.5	90.5	96.2	98.1	98.4	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1
GE 800		86.5	90.5	96.2	98.2	98.7	99.3	99.3	99.3	99.3	99.3	99.5	99.5	99.5	99.5	99.5
GE 700		86.5	90.5	96.2	98.2	98.7	99.5	99.6	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8
GE 600		86.5	90.5	96.2	98.2	98.7	99.5	99.6	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9
GE 500		86.5	90.5	96.2	98.2	98.7	99.5	99.6	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9
GE 400		86.5	90.5	96.2	98.2	98.7	99.5	99.6	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9
GE 300		86.5	90.5	96.2	98.2	98.7	99.5	99.6	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9
GE 200		86.5	90.5	96.2	98.2	98.7	99.5	99.6	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9
GE 100		86.5	90.5	96.2	98.2	98.7	99.5	99.6	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9
GE 0		86.5	90.5	96.2	98.2	98.7	99.5	99.6	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS: 912

GLOBAL CLIMATOLOGY BRANCH  
LSAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035833 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 76-87  
MONTH: MAY HOURS (LST): 1400-2000

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GE 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 3
NO CEIL		27.5	39.0	34.9	39.9	34.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9
GE 20000		44.6	46.7	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
GE 18000		44.7	46.6	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
GE 16000		44.7	46.8	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
GE 14000		44.8	46.9	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
GE 12000		44.8	46.9	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
GE 10000		45.7	47.9	49.3	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
GE 9000		46.1	48.4	49.8	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
GE 8000		52.2	54.6	56.6	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
GE 7000		53.8	56.9	58.7	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
GE 6000		54.6	57.7	59.4	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
GE 5000		56.1	59.5	61.5	62.0	62.0	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
GE 4500		60.3	63.9	65.9	65.4	66.4	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
GE 4000		70.4	74.8	77.1	77.7	77.9	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
GE 3500		73.4	78.0	80.3	81.3	81.4	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE 3000		79.5	84.6	87.0	88.8	89.3	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
GE 2500		80.8	86.3	89.5	90.7	91.1	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 2000		81.9	87.5	90.9	92.1	92.5	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 1800		82.2	87.9	91.3	92.6	93.0	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 1500		82.9	88.9	92.7	94.1	94.6	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 1200		83.0	89.1	93.1	94.7	95.3	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 1000		83.0	89.2	94.1	96.1	96.6	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 900		83.0	89.2	94.1	96.2	96.7	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 800		83.0	89.3	94.4	96.5	97.0	97.7	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 700		83.0	89.3	94.4	96.7	97.3	98.0	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 600		83.0	89.3	94.4	96.8	97.4	98.1	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 500		83.0	89.3	94.4	96.8	97.4	98.1	98.5	98.5	98.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 400		83.0	89.3	94.4	96.8	97.4	98.1	98.5	98.5	98.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 300		83.0	89.3	94.4	96.8	97.4	98.1	98.5	98.5	98.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 200		83.0	89.3	94.4	96.8	97.4	98.1	98.5	98.5	98.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 100		83.0	89.3	94.4	96.8	97.4	98.1	98.5	98.5	98.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 0		83.0	89.3	94.4	96.8	97.4	98.1	98.5	98.5	98.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 217

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM FOURLY OBSERVATIONS

STATION NUMBER: 015931 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 76-67  
MONTH: MAY HOURS(UTC): 2100-2100

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GE 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 6	GE 4	GE 0
NO CEIL		45.7	47.7	46.6	49.7	49.7	49.8	49.8	49.8	49.8	49.8	49.8	49.9	49.9	49.9	49.9
GE 25000		48.7	51.5	52.6	53.5	53.5	53.6	53.6	53.6	53.6	53.6	53.6	53.7	53.7	53.7	53.7
GE 18000		48.8	51.6	52.7	53.6	53.6	53.7	53.7	53.7	53.7	53.7	53.7	53.8	53.8	53.8	53.8
GE 16000		48.8	51.6	52.7	53.6	53.6	53.7	53.7	53.7	53.7	53.7	53.7	53.8	53.8	53.8	53.8
GE 14000		49.1	51.8	52.9	53.8	53.8	53.9	53.9	53.9	53.9	53.9	53.9	54.0	54.0	54.0	54.0
GE 12000		49.1	51.8	52.9	53.8	53.8	53.9	53.9	53.9	53.9	53.9	53.9	54.0	54.0	54.0	54.0
GE 10000		49.8	52.7	53.8	54.8	54.8	54.9	54.9	54.9	54.9	54.9	54.9	55.0	55.0	55.0	55.0
GE 9000		49.9	52.8	53.9	54.9	54.9	55.0	55.0	55.0	55.0	55.0	55.0	55.1	55.1	55.1	55.1
GE 8000		52.4	55.5	57.1	58.2	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.4	58.4	58.4	58.4
GE 7000		53.3	56.8	58.4	59.5	59.5	59.6	59.6	59.6	59.6	59.6	59.6	59.7	59.7	59.7	59.7
GE 6000		53.9	57.3	58.9	60.0	60.0	60.2	60.2	60.2	60.2	60.2	60.2	60.3	60.3	60.3	60.3
GE 5000		56.5	60.4	62.6	63.6	63.8	63.9	63.9	63.9	63.9	63.9	63.9	64.0	64.0	64.0	64.0
GE 4500		59.9	63.9	66.3	67.5	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.7	67.7	67.7	67.7
GE 4000		58.2	72.9	75.7	76.9	77.1	77.2	77.4	77.4	77.4	77.4	77.4	77.5	77.5	77.5	77.5
GE 3500		71.1	76.5	79.7	80.9	81.0	81.2	81.4	81.4	81.4	81.4	81.4	81.5	81.5	81.5	81.5
GE 3000		74.6	80.4	83.9	85.2	85.5	85.7	85.9	85.9	85.9	85.9	85.9	86.1	86.1	86.1	86.1
GE 2500		75.4	81.2	84.7	86.2	86.5	86.7	86.9	86.9	86.9	86.9	86.9	87.0	87.0	87.0	87.0
GE 2000		76.7	82.8	86.3	87.7	88.0	88.6	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 1800		77.1	83.1	86.6	88.1	88.5	89.0	89.2	89.2	89.2	89.2	89.2	89.4	89.4	89.4	89.4
GE 1600		78.3	84.9	88.5	90.0	90.3	90.9	91.1	91.1	91.1	91.1	91.1	91.2	91.2	91.2	91.2
GE 1400		79.4	86.7	90.7	92.2	92.5	93.1	93.3	93.3	93.3	93.3	93.3	93.7	93.7	93.7	93.7
GE 1200		79.5	87.0	91.3	92.9	93.3	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 1000		79.6	87.3	91.8	93.4	93.9	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 900		79.7	87.7	92.9	94.8	95.3	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 800		80.0	88.0	93.7	95.8	96.3	97.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 700		80.0	89.0	93.9	95.9	96.4	97.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 600		80.0	89.0	93.9	95.9	96.4	97.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 500		80.0	89.0	93.9	95.9	96.4	97.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 400		80.0	89.0	93.9	95.9	96.4	97.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 300		80.0	89.0	93.9	95.9	96.4	97.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 200		80.0	89.0	93.9	95.9	96.4	97.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 100		80.0	89.0	93.9	95.9	96.4	97.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6

TOTAL NUMBER OF OBSERVATIONS: 911

AD-A198 353

RAF LAKEMOUTH UNITED KINGDOM REVISED UNIFORM SUMMARY

3/3

OF SURFACE WEATHER (U) AIR FORCE ENVIRONMENTAL  
TECHNICAL APPLICATIONS CENTER SCOTT A.F. FLS 88

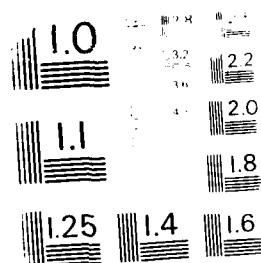
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GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 015833 STATION NAME: RAF LARKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 76-87  
MONTH: MAY HOURS(IST): ALL

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	GT	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET	160	90	80	60	40	40	32	24	20	16	12	10	8	5	4	0	0
NO CEIL		21.7	33.4	35.0	35.7	35.9	36.2	36.3	36.4	36.5	36.5	36.6	36.6	36.7	36.7	37.0	
GE 20000		36.5	38.7	40.6	41.3	41.5	41.9	42.0	42.1	42.1	42.2	42.2	42.3	42.3	42.4	42.6	
GE 18000		26.7	38.8	40.8	41.5	41.7	42.1	42.2	42.3	42.3	42.4	42.4	42.5	42.5	42.6	42.8	
GE 16000		26.7	38.8	40.8	41.5	41.7	42.1	42.2	42.3	42.3	42.4	42.4	42.5	42.5	42.6	42.8	
GE 14000		26.7	38.9	40.8	41.6	41.7	42.1	42.3	42.3	42.4	42.5	42.5	42.6	42.6	42.6	42.9	
GE 12000		26.9	39.0	41.0	41.7	41.9	42.3	42.4	42.5	42.5	42.6	42.7	42.7	42.7	42.8	43.0	
GE 10000		26.0	40.3	42.4	43.2	43.4	43.8	43.9	44.0	44.1	44.2	44.2	44.3	44.3	44.4	44.6	
GE 9000		28.3	40.7	42.7	43.6	43.7	44.1	44.3	44.4	44.5	44.5	44.6	44.6	44.7	44.7	45.0	
GE 8000		42.2	45.1	47.5	48.5	48.6	49.0	49.2	49.3	49.4	49.5	49.5	49.5	49.6	49.6	49.9	
GE 7000		43.4	46.5	49.1	50.1	50.3	50.8	51.0	51.1	51.3	51.3	51.4	51.4	51.5	51.5	51.6	
GE 6000		43.6	46.7	49.4	50.4	50.6	51.1	51.3	51.4	51.5	51.6	51.7	51.7	51.8	51.8	52.0	
GE 5000		45.5	48.8	51.9	53.1	53.3	53.9	54.1	54.2	54.4	54.5	54.6	54.6	54.6	54.7	54.9	
GE 4500		49.0	52.5	56.0	57.3	57.5	58.1	58.4	58.5	58.7	58.8	58.8	58.8	58.9	58.9	59.2	
GE 4000		56.4	60.4	64.5	66.0	66.2	67.0	67.3	67.4	67.7	67.7	67.8	67.8	67.9	67.9	68.2	
GE 3500		60.7	65.0	69.3	71.0	71.2	72.0	72.4	72.5	72.8	72.8	72.9	72.9	73.0	73.0	73.3	
GE 3000		67.8	72.5	77.3	79.1	79.4	80.3	80.7	80.8	81.1	81.2	81.2	81.2	81.3	81.3	81.6	
GE 2500		69.2	74.1	79.2	81.0	81.3	82.3	82.8	82.9	83.1	83.2	83.3	83.3	83.3	83.4	83.6	
GE 2000		71.1	76.0	81.9	83.9	84.2	85.7	85.7	85.8	86.1	86.3	86.3	86.4	86.4	86.5	86.7	
GE 1800		71.5	76.8	82.4	84.4	84.7	85.8	86.3	86.4	86.6	86.8	86.9	86.9	87.0	87.0	87.3	
GE 1500		73.0	78.8	85.0	87.2	87.6	88.7	89.2	89.3	89.6	89.8	89.8	89.9	89.9	90.0	90.2	
GE 1200		73.8	79.9	86.7	89.1	89.6	90.8	91.3	91.4	91.7	91.9	91.9	92.0	92.1	92.1	92.3	
GE 1000		74.1	80.4	87.9	90.5	91.0	92.3	92.8	92.9	93.2	93.4	93.4	93.5	93.5	93.6	93.8	
GE 900		74.4	80.7	88.4	91.0	91.5	92.9	93.5	93.6	93.8	94.0	94.1	94.1	94.2	94.2	94.5	
GE 800		74.5	81.0	89.1	92.0	92.4	94.0	94.6	94.7	95.0	95.2	95.2	95.3	95.4	95.4	95.6	
GE 700		74.6	81.2	89.4	92.5	93.0	94.7	95.5	95.7	96.0	96.2	96.2	96.3	96.4	96.4	96.7	
GE 600		74.6	81.3	89.7	92.9	93.4	95.3	96.3	96.5	96.9	97.1	97.1	97.2	97.3	97.3	97.5	
GE 500		74.6	81.4	89.9	93.3	93.9	96.0	97.0	97.2	97.7	98.0	98.0	98.1	98.2	98.2	98.5	
GE 400		74.6	81.4	90.0	93.5	94.1	96.3	97.4	97.7	98.3	98.6	98.7	98.8	98.9	98.9	99.2	
GE 300		74.6	81.4	90.0	93.5	94.1	96.3	97.6	97.9	98.5	98.9	99.0	99.1	99.2	99.3	99.6	
GE 200		74.6	81.4	90.0	93.5	94.1	96.3	97.6	97.9	98.6	99.0	99.1	99.3	99.4	99.5	99.8	
GE 100		74.6	81.4	90.0	93.5	94.1	96.3	97.6	97.9	98.6	99.0	99.2	99.3	99.5	99.6	100.0	
GE 0		74.6	81.4	90.0	93.5	94.1	96.3	97.6	97.9	98.6	99.0	99.2	99.3	99.5	99.6	100.0	

TOTAL NUMBER OF OBSERVATIONS: 7296

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035833 STATION NAME: RAF LAKELAND UNITED KINGDOM

PERIOD OF RECORD: 78-87  
MONTH: JUN HOURS (LST): 0000-0100

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	29.6	33.3	36.8	37.9	38.5	40.4	40.6	40.6	40.7	47.7	40.8	40.8	40.8	41.0	41.1	
GE 20000	33.5	37.3	41.5	43.0	43.7	45.8	46.1	46.1	46.2	46.2	46.3	46.3	46.3	46.4	46.5	
GE 18000	33.7	37.5	41.8	43.2	43.9	46.1	46.3	46.3	46.4	46.4	46.5	46.5	46.5	46.7	46.8	
GE 16000	33.7	37.5	41.8	43.2	43.9	46.1	46.3	46.3	46.4	46.4	46.5	46.5	46.5	46.7	46.8	
GE 14000	33.7	37.5	41.8	43.2	43.9	46.2	46.4	46.4	46.5	46.5	46.7	46.7	46.7	46.8	46.9	
GE 12000	33.7	37.5	41.8	43.2	43.9	46.2	46.4	46.4	46.5	46.5	46.7	46.7	46.7	46.8	46.9	
GE 10000	35.1	39.2	43.6	45.0	45.7	48.0	48.2	48.2	48.3	48.3	48.3	48.5	48.5	48.5	48.6	48.7
GE 9000	35.2	39.3	43.7	45.1	45.8	48.1	48.3	48.3	48.6	48.6	48.7	48.7	48.7	48.8	48.9	
GE 8000	39.8	43.9	49.0	50.7	51.5	54.3	54.5	54.5	54.9	54.9	55.0	55.0	55.0	55.1	55.2	
GE 7000	40.5	44.9	50.0	51.7	52.5	55.2	55.5	55.5	55.8	55.8	56.0	56.0	56.0	56.1	56.2	
GE 6000	40.8	45.2	50.4	52.0	52.9	55.6	55.8	55.8	56.2	56.2	56.3	56.3	56.3	56.4	56.5	
GE 5000	45.4	50.5	56.1	57.9	58.7	61.4	61.7	61.7	62.0	62.0	62.1	62.1	62.1	62.3	62.4	
GE 4500	52.0	57.1	62.9	64.8	65.7	68.5	68.7	68.7	69.0	69.0	69.2	69.2	69.2	69.3	69.4	
GE 4000	58.3	63.9	70.2	72.3	73.2	76.1	76.3	76.3	76.7	76.7	76.9	76.9	76.9	77.0	77.1	
GE 3500	60.1	66.2	73.0	75.1	76.1	79.0	79.3	79.3	79.6	79.6	79.9	79.9	79.9	80.1	80.2	
GE 3000	63.5	69.8	77.0	79.4	80.5	83.8	84.0	84.0	84.4	84.4	84.6	84.6	84.6	84.8	84.9	85.0
GE 2500	64.9	71.3	78.6	81.0	82.0	85.4	85.6	85.6	86.0	86.0	86.2	86.2	86.2	86.3	86.4	86.5
GE 2000	67.1	73.6	81.1	83.6	84.6	88.0	88.2	88.2	88.6	88.6	88.8	88.8	88.8	88.9	89.0	89.2
GE 1800	67.4	74.2	81.4	83.9	85.0	88.3	88.6	88.6	89.0	89.0	89.2	89.2	89.2	89.3	89.4	89.5
GE 1500	68.6	76.1	83.5	86.1	87.1	90.5	91.0	91.0	91.3	91.3	91.5	91.5	91.5	91.7	91.8	91.9
GE 1200	69.3	76.8	84.3	86.9	88.0	91.3	91.8	91.8	92.1	92.1	92.4	92.4	92.4	92.5	92.6	92.7
GE 1000	70.0	77.7	85.6	89.3	89.5	92.9	93.6	93.6	93.9	93.9	94.2	94.2	94.2	94.3	94.4	94.5
GE 900	70.1	77.9	85.8	88.6	89.8	93.1	93.8	93.8	94.2	94.2	94.4	94.4	94.4	94.5	94.6	94.8
GE 800	70.7	78.6	86.8	89.8	91.0	94.3	95.0	95.0	95.4	95.4	95.6	95.6	95.6	95.7	95.8	96.0
GE 700	70.7	79.6	87.3	90.4	91.5	94.9	96.0	96.0	96.3	96.3	96.5	96.5	96.5	96.7	96.8	96.9
GE 600	70.8	78.7	87.6	90.8	92.0	95.4	96.4	96.4	96.8	96.8	97.0	97.0	97.0	97.1	97.3	97.4
GE 500	71.1	78.9	87.9	91.2	92.4	95.8	96.9	96.9	97.3	97.3	97.5	97.5	97.5	97.6	97.7	97.9
GE 400	71.1	78.9	87.9	91.4	92.6	96.1	97.6	97.6	98.0	98.0	98.2	98.2	98.2	98.3	98.5	98.6
GE 300	71.1	78.9	87.9	91.4	92.6	96.5	98.2	98.2	98.6	98.6	98.8	98.8	98.8	98.9	99.0	99.4
GE 200	71.1	78.9	87.9	91.4	92.6	96.5	98.2	98.2	98.6	98.6	98.8	98.8	98.8	98.9	99.0	99.4
GE 100	71.1	78.9	87.9	91.4	92.6	96.5	98.2	98.2	98.6	98.6	98.8	98.8	98.8	98.9	99.0	100.0
GE JI	71.1	78.9	87.9	91.4	92.6	96.5	98.2	98.2	98.6	98.6	98.8	98.8	98.8	98.9	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 840



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035833 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 78-87

MONTH: JUN HOURS(IST): 0300-0500

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN FEET	GT 160	GE 90	GE 80	GE 60	GE 46	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0	
NO CEIL		16.5	21.3	26.0	28.7	29.4	32.2	33.4	34.4	35.0	35.0	35.0	35.0	35.1	35.3	35.4	
GE 20000		18.4	23.7	29.7	32.3	33.1	36.3	37.7	38.6	39.2	39.2	39.2	39.2	39.4	39.6	39.7	
GE 18000		18.4	23.7	29.7	32.3	33.1	36.3	37.7	38.6	39.2	39.2	39.2	39.2	39.4	39.6	39.7	
GE 16000		18.4	23.7	29.7	32.3	33.1	36.3	37.7	38.6	39.2	39.2	39.2	39.2	39.4	39.6	39.7	
GE 14000		18.5	23.8	29.8	32.5	33.2	36.4	37.8	38.8	39.4	39.4	39.4	39.4	39.5	39.7	39.8	
GE 12000		18.5	23.8	29.8	32.5	33.2	36.4	37.8	38.8	39.4	39.4	39.4	39.4	39.5	39.7	39.8	
GE 10000		19.5	24.7	31.2	34.0	34.7	38.0	39.5	40.4	41.0	41.0	41.0	41.0	41.1	41.5	41.7	
GE 9000		20.0	25.4	32.1	35.0	35.7	39.2	40.7	41.6	42.2	42.2	42.2	42.2	42.3	42.7	42.9	
GE 8000		22.5	28.7	35.6	38.8	39.5	43.0	44.7	45.7	46.3	46.3	46.3	46.3	46.5	46.8	47.3	
GE 7000		23.7	30.1	37.5	40.7	41.4	45.2	46.8	47.8	48.4	48.4	48.4	48.4	48.6	49.0	49.5	
GE 6000		23.8	30.2	37.5	40.8	41.5	45.3	47.0	47.9	48.5	48.5	48.5	48.5	48.6	49.1	49.6	
GE 5000		27.6	34.7	42.6	46.1	46.8	50.9	52.6	53.5	54.1	54.1	54.1	54.1	54.3	54.7	55.2	
GE 4500		35.4	42.8	51.2	55.2	56.1	60.3	62.2	63.3	63.9	63.9	63.9	63.9	64.1	64.4	64.9	
GE 4000		39.2	47.6	56.6	60.9	61.8	66.5	68.4	69.4	70.2	70.4	70.6	70.6	70.9	71.2	71.7	
GE 3500		40.8	49.5	58.7	63.0	64.0	69.1	71.0	72.1	72.8	73.0	73.2	73.2	73.5	74.0	74.6	
GE 3000		42.6	51.4	61.2	65.9	66.8	72.1	74.0	75.1	75.9	76.1	76.3	76.3	76.6	77.1	77.6	
GE 2500		43.5	52.6	63.0	67.8	68.7	74.1	76.0	77.2	77.9	78.1	78.4	78.4	78.6	79.1	79.7	
GE 2000		45.9	54.9	65.8	70.9	71.6	77.3	79.2	80.4	81.1	81.3	81.6	81.6	81.8	82.3	82.9	
GE 1800		46.3	55.3	66.2	71.3	72.3	77.8	79.7	80.9	81.6	81.8	82.0	82.0	82.3	82.8	83.4	
GE 1500		47.7	56.8	68.1	73.7	74.7	80.3	82.2	83.4	84.1	84.3	84.5	84.5	84.8	85.3	85.9	
GE 1200		49.0	58.1	70.2	75.7	76.8	82.4	84.3	85.5	86.2	86.4	86.7	86.7	86.9	87.4	88.0	
GE 1000		49.8	59.2	71.5	77.1	78.1	83.7	85.9	87.2	87.9	88.1	88.3	88.3	88.6	89.1	89.7	
GE 900		49.9	59.3	71.9	77.8	78.2	84.8	86.9	88.2	88.9	89.2	89.4	89.4	89.7	90.2	90.8	
GE 800		50.2	60.0	73.2	79.2	80.6	86.6	88.7	90.4	91.1	91.3	91.6	91.6	91.8	92.4	93.1	
GE 700		50.4	60.4	74.0	79.9	81.3	87.5	89.9	91.6	92.3	92.5	92.7	92.7	93.0	93.6	94.3	
GE 600		50.4	60.4	74.3	80.5	81.9	88.1	90.5	92.2	92.9	93.1	93.3	93.3	93.6	94.2	94.9	
GE 500		50.5	60.6	74.7	81.0	82.4	89.1	91.6	93.2	94.1	94.3	94.5	94.8	95.0	95.6	96.3	
GE 400		50.5	60.6	74.7	81.0	82.4	89.4	92.0	93.8	94.8	95.0	95.4	95.6	95.8	96.4	97.3	
GE 300		50.5	60.6	74.7	81.0	82.4	89.7	92.6	94.5	95.5	95.7	96.2	96.4	96.7	97.5	98.3	
GE 200		50.5	60.6	74.7	81.0	82.4	89.7	92.6	94.5	95.5	95.8	96.3	96.6	96.9	97.8	98.6	
GE 100		50.5	60.6	74.7	81.0	82.4	89.7	92.6	94.5	95.5	95.8	96.3	96.6	96.9	97.8	98.6	
GE 0		50.5	60.6	74.7	81.0	82.4	89.7	92.6	94.5	95.5	95.8	96.3	96.6	96.9	97.8	98.6	

TOTAL NUMBER OF OBSERVATIONS: 841

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VRSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035831 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 78-87  
MONTH: JUN HOURS(LST): 0600-0600

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	GT	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET	160	90	80	60	48	40	32	24	20	16	12	10	8	5	4	3	2
NO CEIL		19.5	21.2	25.4	27.8	28.2	29.3	29.7	29.8	29.9	30.1	30.1	30.1	30.1	30.2	30.2	
GE 20000		24.4	26.6	31.8	34.4	34.9	36.2	36.7	36.8	36.9	37.0	37.0	37.0	37.0	37.2	37.2	
GE 18000		24.4	26.6	31.8	34.4	34.9	36.2	36.7	36.8	36.9	37.0	37.0	37.0	37.0	37.2	37.2	
GE 16000		24.4	26.6	31.8	34.4	34.9	36.2	36.7	36.8	36.9	37.0	37.0	37.0	37.0	37.2	37.2	
GE 14000		24.4	26.6	31.8	34.4	34.9	36.2	36.7	36.8	36.9	37.0	37.0	37.0	37.0	37.2	37.2	
GE 12000		24.4	26.6	31.8	34.4	34.9	36.2	36.7	36.8	36.9	37.0	37.0	37.0	37.0	37.2	37.2	
GE 10000		26.2	28.5	34.2	36.8	37.3	38.6	39.2	39.3	39.4	39.5	39.5	39.5	39.5	39.6	39.8	
GE 9000		27.0	29.3	35.5	38.1	38.6	40.0	40.7	40.8	40.9	41.1	41.1	41.1	41.1	41.2	41.3	
GE 8000		30.2	33.1	39.3	41.9	42.4	43.8	44.5	44.6	45.0	45.1	45.1	45.1	45.1	45.2	45.4	
GE 7000		31.5	34.7	41.3	44.0	44.5	45.9	46.6	46.7	47.1	47.2	47.2	47.2	47.2	47.3	47.6	
GE 6000		31.7	34.9	41.7	44.4	44.9	46.3	47.0	47.1	47.5	47.6	47.6	47.6	47.6	47.7	47.9	
GE 5000		35.5	39.5	46.3	49.1	49.6	51.1	52.0	52.1	52.4	52.5	52.5	52.5	52.5	52.7	52.9	
GE 4500		40.4	44.7	51.6	54.6	55.0	56.6	57.4	57.6	58.0	58.1	58.1	58.1	58.1	58.2	58.5	
GE 4000		46.0	51.1	59.1	62.4	62.8	64.7	65.7	65.9	66.5	66.9	66.9	66.9	66.9	67.0	67.2	
GE 3500		49.7	54.8	63.1	66.5	67.1	69.0	69.9	70.2	70.9	71.2	71.2	71.4	71.4	71.5	71.7	
GE 3000		52.3	57.5	66.4	69.9	70.7	72.8	73.7	74.0	74.7	75.0	75.0	75.1	75.1	75.3	75.5	
GE 2500		53.1	58.5	67.8	71.4	72.2	74.3	75.3	75.5	76.2	76.6	76.6	76.7	76.7	76.8	77.0	
GE 2000		56.1	61.4	71.5	75.3	76.2	78.5	79.6	79.9	80.7	81.1	81.1	81.2	81.2	81.3	81.5	
GE 1800		56.3	61.7	71.7	75.5	76.4	78.7	79.9	80.1	80.9	81.3	81.3	81.4	81.4	81.5	81.8	
GE 1500		58.1	63.7	74.3	78.2	79.2	81.4	82.8	83.1	83.9	84.3	84.3	84.4	84.4	84.5	84.7	
GE 1200		60.0	65.8	77.0	81.2	82.1	84.5	85.9	86.2	87.0	87.3	87.3	87.5	87.5	87.6	87.8	
GE 1000		60.4	66.2	77.5	81.9	83.0	85.7	87.2	87.5	88.3	88.6	88.6	88.8	88.8	88.9	89.1	
GE 900		60.6	66.9	78.6	83.2	84.3	87.0	88.6	88.9	89.7	90.1	90.1	90.2	90.2	90.3	90.5	
GE 800		60.9	67.1	79.4	84.9	85.9	89.2	91.4	91.6	92.4	92.9	92.9	93.0	93.0	93.1	93.4	
GE 700		61.1	67.3	79.9	86.3	87.5	91.1	93.5	93.7	94.6	95.0	95.0	95.1	95.1	95.3	95.5	
GE 600		61.1	67.5	80.2	86.6	87.8	91.6	94.1	94.4	95.4	95.9	95.9	96.0	96.0	96.1	96.3	
GE 500		61.1	67.5	80.5	86.9	88.2	92.1	95.1	95.5	96.4	96.9	96.9	97.2	97.2	97.3	97.5	
GE 400		61.1	67.5	80.5	86.9	88.2	92.2	95.4	96.2	97.2	97.6	97.8	98.1	98.1	98.2	98.7	
GE 300		61.1	67.5	80.5	86.9	88.2	92.2	95.4	96.2	97.4	98.3	98.5	98.8	98.8	98.9	99.4	
GE 200		61.1	67.5	80.5	86.9	88.2	92.2	95.4	96.2	98.0	98.5	98.6	98.9	99.1	99.4	99.9	
GE 100		61.1	67.5	80.5	86.9	88.2	92.2	95.4	96.2	98.0	98.5	98.6	98.9	99.1	99.4	100.0	
GE	CI	61.1	67.5	80.5	86.9	88.2	92.2	95.4	96.2	98.0	98.5	98.6	98.9	99.1	99.4	100.0	

TOTAL NUMBER OF OBSERVATIONS: 845

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM FOURLY OBSERVATIONS

STATION NUMBER: 035833 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 78-87  
MONTH: JUN HOURS(IST): 0900-1100

CEILING	VISIBILITY IN HUNDREDS OF METERS															
IN FEET	GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 6	GE 4	GE 0
NO CEIL		22.2	23.5	24.8	25.1	25.3	25.3	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4
GE 20000		27.5	28.8	30.9	31.3	31.4	31.4	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5
GE 18000		27.5	28.8	30.9	31.3	31.4	31.4	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5
GE 16000		27.5	28.8	30.9	31.3	31.4	31.4	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5
GE 14000		27.5	28.8	30.9	31.3	31.4	31.4	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5
GE 12000		27.5	28.8	30.9	31.3	31.4	31.4	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5
GE 10000		29.4	30.7	33.1	33.4	33.5	33.5	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6
GE 9000		30.2	31.8	34.1	34.5	34.6	34.6	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7
GE 8000		33.5	35.4	38.1	38.5	38.6	38.6	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7
GE 7000		35.1	37.0	39.7	40.1	40.3	40.3	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4
GE 6000		35.2	37.1	39.8	40.3	40.4	40.4	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5
GE 5000		38.7	41.0	43.7	44.2	44.3	44.3	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
GE 4500		41.8	44.2	47.1	47.6	47.7	47.7	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
GE 4000		51.8	54.8	58.7	59.1	59.3	59.3	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
GE 3500		60.0	63.0	67.5	68.1	68.4	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
GE 3000		69.2	72.7	77.6	78.3	78.5	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
GE 2500		73.3	77.2	82.1	82.8	83.0	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 2000		77.0	81.2	86.4	87.2	87.5	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
GE 1800		77.7	82.1	87.2	88.1	88.3	88.5	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE 1500		80.2	85.1	90.7	91.9	92.2	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 1200		81.0	86.2	92.4	94.1	94.6	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 1000		81.5	86.9	93.4	95.3	95.7	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 900		81.7	87.4	94.0	95.9	96.3	96.6	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 800		82.2	87.8	94.7	96.7	97.2	97.5	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 700		82.3	88.0	94.9	97.4	97.9	98.2	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 600		82.3	88.0	94.9	97.4	97.9	98.2	98.8	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 500		82.3	88.0	94.9	97.4	97.9	98.3	99.1	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 400		82.3	88.0	94.9	97.4	97.9	98.3	99.1	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 300		82.3	88.0	94.9	97.4	97.9	98.3	99.1	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 200		82.3	88.0	94.9	97.4	97.9	98.3	99.1	99.3	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 100		82.3	88.0	94.9	97.4	97.9	98.3	99.1	99.3	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 0		82.3	88.0	94.9	97.4	97.9	98.3	99.1	99.3	99.9	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 847

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 015833 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 78-87  
MONTH: JUN HOURS(IST): 1200-1400

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	160	90	80	60	48	40	32	24	20	16	12	10	8	5	4	3
NO CEIL	17.0	18.2	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3
GE 20000	25.6	26.8	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2
GE 18000	25.8	27.0	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4
GE 16000	25.8	27.0	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4
GE 14000	25.8	27.0	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4
GE 12000	25.8	27.0	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7
GE 10000	28.2	29.4	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0
GE 9000	29.0	30.2	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8
GE 8000	33.0	34.2	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0
GE 7000	33.5	34.7	36.7	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8
GE 6000	33.7	34.9	37.0	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1
GE 5000	38.4	39.7	41.9	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0
GE 4500	43.2	44.5	47.2	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
GE 4000	56.7	58.8	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
GE 3500	59.6	72.3	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
GE 3000	60.1	83.5	86.3	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE 2500	83.6	87.3	90.1	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 2000	86.1	97.0	93.2	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
GE 1800	87.1	91.0	94.3	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 1500	88.0	92.1	95.5	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 1200	88.2	92.6	96.2	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 1000	88.6	93.2	97.4	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 900	88.6	93.2	97.4	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 800	88.6	93.2	97.4	98.6	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 700	88.6	93.2	97.4	98.9	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 600	88.6	93.2	97.4	98.9	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 500	88.6	93.2	97.4	98.9	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 400	88.6	93.2	97.4	98.9	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 300	88.6	93.2	97.4	98.9	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 200	88.6	93.2	97.4	98.9	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 100	88.6	93.2	97.4	98.9	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 0	88.6	93.2	97.4	98.9	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5

TOTAL NUMBER OF OBSERVATIONS: 948

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM FOURLY OBSERVATIONS

STATION NUMBER: 035833 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 78-87

MONTH: JUN HOURS(IST): 1500-1700

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	FEET	GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL			17.4	18.7	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1
GE 20000			25.2	26.5	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2
GE 18000			25.7	27.0	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7
GE 16000			25.7	27.0	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7
GE 14000			25.7	27.0	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7
GE 12000			25.7	27.0	27.8	27.8	27.8	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9
GE 10000			28.0	29.6	30.5	30.5	30.5	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6
GE 9000			29.3	30.9	31.8	31.8	31.8	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9
GE 8000			34.0	35.7	36.6	36.8	36.8	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9
GE 7000			35.8	37.5	38.5	38.7	38.7	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8
GE 6000			36.3	37.9	39.0	39.2	39.2	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4
GE 5000			43.0	44.7	45.7	46.0	46.0	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1
GE 4500			52.0	53.9	55.1	55.3	55.3	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
GE 4000			63.8	66.0	67.4	67.7	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
GE 3500			77.0	79.4	81.2	81.6	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 3000			85.6	88.3	90.8	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 2500			87.0	89.8	92.4	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 2000			87.8	91.0	94.0	95.0	95.0	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 1800			88.4	91.6	94.7	95.7	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 1500			88.7	92.1	95.3	96.3	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 1200			89.5	93.1	96.8	98.1	98.2	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 1000			89.5	93.3	97.0	98.7	98.8	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 900			89.5	93.4	97.3	98.9	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 800			89.5	93.4	97.3	99.1	99.2	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 700			89.5	93.4	97.4	99.2	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600			89.5	93.4	97.4	99.2	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500			89.5	93.4	97.4	99.2	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400			89.5	93.4	97.4	99.2	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300			89.5	93.4	97.4	99.2	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200			89.5	93.4	97.4	99.2	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100			89.5	93.4	97.4	99.2	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0			89.5	93.4	97.4	99.2	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 846

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035933 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 76-87

MONTH: JUN HOURS(LST): 1800-2000

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	FEET	GE 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	1	24.2	25.5	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2
GE 20000		32.5	34.1	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2
GE 18000		33.4	34.9	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0
GE 16000		33.5	35.0	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1
GE 14000		33.7	35.3	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4
GE 12000		34.0	35.5	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6
GE 10000		36.1	37.8	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9
GE 9000		37.1	38.7	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8
GE 8000		42.9	44.7	46.0	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1
GE 7000		46.1	47.9	49.2	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
GE 6000		46.5	49.3	49.6	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
GE 5000		53.6	55.5	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
GE 4500		62.8	65.1	66.9	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
GE 4000		74.1	76.8	79.1	79.3	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
GE 3500		78.3	81.2	84.7	85.1	85.3	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 3000		83.4	86.7	90.8	91.2	91.4	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 2500		83.9	87.2	91.4	91.8	92.0	92.3	92.3	92.3	92.3	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE 2000		85.1	88.8	93.4	94.3	94.5	94.8	94.9	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 1800		85.2	88.9	93.6	94.5	94.8	95.0	95.1	95.1	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 1500		85.9	90.0	94.8	95.7	95.9	96.2	96.3	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 1200		86.4	90.6	96.1	97.4	97.6	97.9	98.0	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 1000		86.8	91.2	96.7	98.0	98.2	98.5	98.6	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 900		87.0	91.5	97.0	98.3	98.6	98.8	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 800		87.0	91.5	97.1	98.5	98.7	98.9	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 700		87.0	91.7	97.3	98.6	98.8	99.0	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 600		87.0	91.7	97.5	98.8	99.0	99.3	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 500		87.0	91.7	97.5	98.8	99.0	99.3	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 400		87.0	91.7	97.5	98.8	99.0	99.3	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 300		87.0	91.7	97.5	98.8	99.0	99.3	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 200		87.0	91.7	97.5	98.8	99.0	99.3	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 100		87.0	91.7	97.5	98.8	99.0	99.3	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 50		87.0	91.7	97.5	98.8	99.0	99.3	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS: 839

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: C15833 STATION NAME: RAF LAKEENHEATH UNITED KINGDOM

PERIOD OF RECORD: 78-87

MONTH: JUN HOURS(EST): 2100-2300

CEILING		VISIBILITY IN HUNDREDS OF METERS																
IN FEET	1	GE 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0	
NO CEIL	1	30.7	33.2	36.3	37.0	37.2	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.9	37.9	37.9	
GE 20000		35.7	38.6	42.1	42.9	43.0	43.3	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.7	43.7	43.7	
GE 18000		37.0	39.9	43.4	44.2	44.3	44.8	44.9	44.9	44.9	44.9	44.9	44.9	44.9	45.0	45.0	45.0	
GE 16000		37.0	39.9	43.4	44.2	44.3	44.8	44.9	44.9	44.9	44.9	44.9	44.9	44.9	45.0	45.0	45.0	
GE 14000		37.0	39.9	43.4	44.2	44.3	44.8	44.9	44.9	44.9	44.9	44.9	44.9	44.9	45.0	45.0	45.0	
GE 12000		37.4	40.3	43.7	44.6	44.7	45.2	45.3	45.7	45.3	45.3	45.3	45.3	45.3	45.4	45.4	45.4	
GE 10000		38.6	42.1	45.6	46.5	46.6	47.1	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.3	47.3	47.3	
GE 9000		39.7	43.1	46.6	47.7	47.8	48.3	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.5	48.5	48.5	
GE 8000		44.3	48.0	52.0	52.9	53.0	53.5	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.8	53.8	53.8	
GE 7000		46.2	49.9	54.0	55.0	55.1	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.8	55.8	55.8	
GE 6000		46.2	49.9	54.0	55.0	55.1	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.8	55.8	55.8	
GE 5000		50.9	55.2	59.7	60.8	60.9	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.8	61.8	61.8	
GE 4500		59.6	64.4	69.1	70.1	70.3	70.8	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.2	71.2	71.2	
GE 4000		67.4	72.9	78.0	79.2	79.3	80.5	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.9	80.9	80.9	
GE 3500		70.0	75.9	81.4	82.7	82.9	84.7	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.3	85.3	85.3	
GE 3000		73.7	80.0	86.0	87.5	87.6	89.6	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.2	90.2	90.2	
GE 2500		74.2	80.9	86.7	88.6	89.0	90.9	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.4	91.4	91.4	
GE 2000		75.9	82.7	88.6	90.7	91.2	93.0	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.5	93.5	93.5	
GE 1800		76.0	82.8	88.8	90.8	91.3	93.1	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.7	93.7	93.7	
GE 1500		76.9	84.0	90.1	92.4	92.8	94.6	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.2	95.2	95.2	
GE 1200		77.8	84.8	90.9	93.2	93.7	95.5	95.9	95.9	95.9	95.9	95.9	95.9	95.9	96.1	96.1	96.1	
GE 1000		78.0	85.4	91.5	93.9	94.4	96.2	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.9	96.9	96.9	
GE 900		78.0	85.7	92.0	94.4	94.9	96.7	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.4	97.4	97.4	
GE 800		78.1	85.8	92.5	94.9	95.3	97.3	97.8	97.8	97.8	97.8	97.8	97.8	97.8	98.0	98.0	98.0	
GE 700		78.3	86.0	93.1	95.5	95.9	97.8	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7	
GE 600		78.4	86.3	93.5	95.9	96.4	98.3	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.3	99.3	99.3	
GE 500		78.4	86.4	93.7	96.1	96.5	98.4	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4	
GE 400		78.4	86.4	93.7	96.1	96.5	98.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	
GE 300		78.4	86.4	93.8	96.2	96.7	98.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	
GE 200		78.4	86.4	93.8	96.2	96.7	98.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	
GE 100		78.4	86.4	93.8	96.2	96.7	98.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	
GE 0		78.4	86.4	93.8	96.2	96.7	98.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: 837

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035033 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 76-87  
MONTH: JUN HOURS (LST): ALL

CEILING		VISIBILITY IN HUNDREDS OF METERS														
IN FEET	GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 6	GE 4	GE 0
NO CEIL		72.1	24.3	26.7	27.6	27.9	29.7	28.9	29.1	29.2	29.2	29.2	29.2	29.2	29.3	29.3
GE 20000		27.6	30.3	33.3	34.3	34.6	35.4	35.7	35.9	36.0	36.0	36.0	36.0	36.0	36.1	36.1
GE 18000		28.2	30.7	33.7	34.7	34.9	35.4	36.1	36.2	36.4	36.4	36.4	36.4	36.4	36.5	36.5
GE 16000		28.2	30.7	33.7	34.7	35.0	35.6	36.1	36.2	36.4	36.4	36.4	36.4	36.4	36.5	36.5
GE 14000		28.3	30.7	33.8	34.7	35.0	35.9	36.2	36.3	36.4	36.5	36.5	36.5	36.5	36.6	36.6
GE 12000		28.4	30.8	33.9	34.9	35.1	36.0	36.3	36.5	36.6	36.6	36.6	36.6	36.6	36.7	36.7
GE 10000		30.1	32.7	36.0	37.0	37.3	38.2	38.5	38.6	38.7	38.8	38.8	38.8	38.8	38.9	38.9
GE 9000		30.9	33.6	36.9	38.0	38.2	39.2	39.5	39.7	39.8	39.8	39.8	39.8	39.8	39.9	40.0
GE 8000		35.0	38.0	41.0	42.7	42.0	44.0	44.4	44.5	44.7	44.7	44.7	44.7	44.7	44.8	44.8
GE 7000		36.5	39.6	43.3	44.5	44.8	46.9	46.2	46.3	46.5	46.5	46.5	46.5	46.6	46.7	46.8
GE 6000		36.8	39.8	43.6	44.8	45.1	46.1	46.5	46.6	46.8	46.8	46.8	46.8	46.9	46.9	47.0
GE 5000		41.6	45.1	49.1	50.4	50.6	51.8	52.1	52.3	52.4	52.5	52.5	52.5	52.5	52.6	52.7
GE 4000		46.4	52.1	56.3	57.7	58.0	59.2	59.6	59.9	59.9	59.9	59.9	59.9	59.9	60.0	60.2
GE 3000		57.2	61.5	66.2	67.7	68.1	69.4	69.9	70.0	70.3	70.3	70.4	70.4	70.4	70.5	70.6
GE 2000		63.2	67.3	73.0	74.6	75.0	76.5	77.0	77.1	77.4	77.4	77.5	77.5	77.6	77.7	77.8
GE 1000		68.8	73.7	79.5	81.2	81.7	83.3	83.8	83.9	84.2	84.3	84.3	84.3	84.4	84.5	84.6
GE 2500		70.5	75.6	81.5	83.3	83.8	85.5	85.9	86.1	86.3	86.4	86.5	86.5	86.6	86.7	86.8
GE 2000		72.6	78.0	84.3	86.3	86.8	88.5	89.0	89.2	89.4	89.5	89.6	89.6	89.6	89.7	89.8
GE 1800		73.1	78.5	84.8	86.8	87.3	89.0	89.5	89.7	89.8	89.9	90.0	90.1	90.1	90.2	90.3
GE 1600		74.3	80.0	86.5	88.8	89.3	91.0	91.6	91.8	92.0	92.1	92.2	92.2	92.3	92.3	92.4
GE 1400		75.2	81.0	88.0	90.5	91.0	92.7	93.3	93.5	93.5	93.8	93.9	93.9	94.0	94.1	94.2
GE 1200		75.6	81.6	88.8	91.4	92.0	93.8	94.5	94.7	94.9	95.0	95.1	95.1	95.2	95.2	95.3
GE 1000		75.7	81.9	89.3	91.9	92.6	94.3	95.0	95.3	95.5	95.6	95.7	95.7	95.7	95.8	95.9
GE 900		75.9	82.2	89.8	92.7	93.3	95.3	95.3	95.3	95.6	95.7	95.7	95.8	95.8	95.9	96.0
GE 800		76.0	82.3	90.2	93.3	93.4	96.0	96.9	97.2	97.5	97.6	97.7	97.7	97.8	97.9	98.0
GE 700		76.0	82.4	90.4	93.6	94.2	96.3	97.3	97.6	97.9	98.0	98.0	98.1	98.1	98.2	98.3
GE 600		76.1	82.5	90.5	93.7	94.4	96.4	97.7	97.9	98.3	98.4	98.4	98.5	98.5	98.6	98.7
GE 500		76.1	82.5	90.5	93.7	94.4	96.4	97.7	97.9	98.3	98.4	98.4	98.5	98.5	98.6	98.7
GE 400		76.1	82.5	90.5	93.7	94.4	96.4	97.7	97.9	98.3	98.4	98.4	98.5	98.5	98.6	98.7
GE 300		76.1	82.5	90.5	93.7	94.4	96.4	97.7	97.9	98.3	98.4	98.4	98.5	98.5	98.6	98.7
GE 200		76.1	82.5	90.5	93.7	94.4	96.4	97.7	97.9	98.3	98.4	98.4	98.5	98.5	98.6	98.7
GE 100		76.1	82.5	90.5	93.7	94.4	96.4	97.7	97.9	98.3	98.4	98.4	98.5	98.5	98.6	98.7
GE 0		76.1	82.5	90.5	93.7	94.4	96.4	97.7	97.9	98.3	98.4	98.4	98.5	98.5	98.6	98.7

TOTAL NUMBER OF OBSERVATIONS: 6743



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 015833 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 78-07-01-87  
MONTH: JUL HOURS(UTC): 0000-0100

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	GT	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET	160	90	80	60	40	40	32	24	20	16	12	10	8	5	4	3	1
NO CEIL		14.5	39.0	40.8	41.9	42.3	43.3	43.4	43.5	43.6	43.5	43.5	43.6	43.7	43.7	43.7	43.7
GE 20000		18.4	43.0	45.0	46.3	46.8	47.8	47.9	48.0	48.0	48.0	48.0	48.1	48.2	48.2	48.2	48.4
GE 18000		18.5	43.1	45.1	46.4	46.9	47.9	48.0	48.1	48.1	48.1	48.1	48.2	48.2	48.2	48.2	48.4
GE 16000		18.5	43.1	45.1	46.4	46.9	47.9	48.0	48.1	48.1	48.1	48.1	48.2	48.2	48.2	48.2	48.4
GE 14000		18.5	43.1	45.1	46.4	46.9	47.9	48.0	48.1	48.1	48.1	48.1	48.2	48.2	48.2	48.2	48.4
GE 12000		18.6	43.3	45.2	46.5	47.0	48.0	48.1	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.4
GE 10000		40.5	45.1	47.3	49.4	49.0	50.1	50.2	50.3	50.3	50.3	50.3	50.4	50.5	50.5	50.5	50.7
GE 9000		40.7	45.3	47.3	48.6	49.2	50.3	50.4	50.5	50.5	50.5	50.5	50.7	50.8	50.8	50.8	50.9
GE 8000		46.4	51.3	53.2	54.9	55.5	56.7	56.9	57.0	57.1	57.1	57.1	57.2	57.4	57.4	57.5	57.5
GE 7000		47.1	52.0	53.9	55.8	56.4	57.6	57.7	57.8	58.0	58.0	58.0	58.1	58.2	58.2	58.2	58.3
GE 6000		47.3	52.1	54.1	55.9	56.5	57.7	57.8	58.0	58.1	58.1	58.1	58.1	58.2	58.3	58.3	58.4
GE 5000		50.4	55.7	57.6	59.5	60.1	61.4	61.5	61.6	61.7	61.7	61.7	61.7	61.8	62.0	62.0	62.1
GE 4500		56.6	61.8	64.0	66.1	66.7	67.9	68.0	68.2	68.3	68.3	68.3	68.4	68.5	68.5	68.5	68.7
GE 4000		64.5	70.8	73.0	75.3	75.9	77.2	77.3	77.4	77.6	77.6	77.6	77.6	77.8	77.9	77.9	78.0
GE 3500		67.7	74.4	76.7	79.0	79.6	80.8	80.9	81.0	81.3	81.3	81.3	81.4	81.5	81.5	81.5	81.7
GE 3000		69.7	76.8	79.1	81.4	82.0	83.4	83.5	83.6	83.8	83.8	83.8	84.0	84.1	84.1	84.1	84.2
GE 2500		71.6	78.9	81.5	83.8	84.4	85.8	85.9	86.0	86.3	86.3	86.3	86.4	86.5	86.5	86.5	86.6
GE 2000		73.5	81.0	83.8	86.3	87.0	88.5	88.6	88.7	88.9	88.9	88.9	89.1	89.2	89.2	89.2	89.3
GE 1500		73.5	81.0	83.8	86.3	87.0	88.5	88.6	88.7	88.9	88.9	88.9	89.1	89.2	89.2	89.2	89.3
GE 1000		76.3	84.4	87.4	90.0	90.9	92.3	92.5	92.6	92.8	92.8	92.8	93.0	93.1	93.1	93.1	93.2
GE 1000		77.6	86.1	89.1	92.1	93.0	94.4	94.5	94.7	94.9	94.9	94.9	95.0	95.1	95.1	95.1	95.3
GE 1000		78.1	86.9	89.8	92.8	93.7	95.1	95.4	95.6	96.0	96.1	96.1	96.2	96.4	96.4	96.4	96.5
GE 900		78.1	86.9	89.8	93.0	93.6	95.3	95.5	95.7	96.1	96.2	96.2	96.4	96.5	96.6	96.6	96.7
GE 800		78.3	87.4	90.3	93.6	94.4	95.9	96.1	96.4	96.7	96.8	96.8	97.0	97.1	97.2	97.2	97.3
GE 700		78.3	87.5	90.4	93.9	94.7	96.1	96.4	96.6	97.0	97.1	97.1	97.2	97.3	97.4	97.4	97.6
GE 600		78.3	87.5	90.9	94.3	95.1	96.6	96.8	97.1	97.4	97.6	97.6	97.7	97.8	97.8	97.8	98.1
GE 500		78.3	87.5	90.9	94.7	95.5	97.1	97.7	97.9	98.3	98.4	98.4	98.5	98.6	98.6	98.6	98.8
GE 400		78.3	87.5	90.9	94.8	95.6	97.2	97.8	98.1	98.4	98.5	98.5	98.7	98.8	98.8	98.8	99.0
GE 300		78.3	87.5	90.9	94.8	95.6	97.3	97.9	98.3	98.7	98.8	98.8	98.9	99.1	99.1	99.1	99.3
GE 200		78.3	87.5	90.9	94.8	95.6	97.3	97.9	98.3	98.7	98.8	98.8	98.9	99.1	99.1	99.1	99.3
GE 100		78.3	87.5	90.9	94.8	95.6	97.3	97.9	98.3	98.7	98.8	98.8	98.9	99.1	99.1	99.1	100.0
GE 100		78.3	87.5	90.9	94.8	95.6	97.3	97.9	98.3	98.7	98.8	98.8	98.9	99.1	99.1	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS: 923

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 075937 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 74707-44777  
MONTH: JUL HOURS(UT): 0100-2400

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	FEET	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	31
1	160	90	100	120	140	160	180	200	220	240	260	280	300	320	340	360	380
NO CEIL	1	19.5	22.9	26.3	29.5	32.7	35.9	39.2	42.4	45.6	48.8	52.0	55.2	58.4	61.6	64.8	68.0
GE 20000	1	21.6	25.6	29.7	33.0	36.2	39.4	42.6	45.8	49.0	52.2	55.4	58.6	61.8	65.0	68.2	71.4
GE 18000	1	21.6	25.6	29.7	33.0	36.2	39.4	42.6	45.8	49.0	52.2	55.4	58.6	61.8	65.0	68.2	71.4
GE 16000	1	21.6	25.6	29.7	33.0	36.2	39.4	42.6	45.8	49.0	52.2	55.4	58.6	61.8	65.0	68.2	71.4
GE 14000	1	21.6	25.6	29.7	33.0	36.2	39.4	42.6	45.8	49.0	52.2	55.4	58.6	61.8	65.0	68.2	71.4
GE 12000	1	21.6	25.6	29.7	33.0	36.2	39.4	42.6	45.8	49.0	52.2	55.4	58.6	61.8	65.0	68.2	71.4
GE 10000	1	23.4	27.8	32.1	36.4	40.7	45.0	49.3	53.6	57.9	62.2	66.5	70.8	75.1	79.4	83.7	88.0
GE 9000	1	23.5	28.0	32.4	36.7	41.0	45.3	49.6	53.9	58.2	62.5	66.8	71.1	75.4	79.7	84.0	88.3
GE 8000	1	24.4	29.0	33.4	37.7	42.0	46.3	50.6	54.9	59.2	63.5	67.8	72.1	76.4	80.7	85.0	89.3
GE 7000	1	25.6	30.2	34.6	38.9	43.2	47.5	51.8	56.1	60.4	64.7	69.0	73.3	77.6	81.9	86.2	90.5
GE 6000	1	25.6	30.2	34.6	38.9	43.2	47.5	51.8	56.1	60.4	64.7	69.0	73.3	77.6	81.9	86.2	90.5
GE 5000	1	32.1	38.0	44.5	50.4	56.3	62.2	68.1	74.0	79.9	85.8	91.7	97.6	103.5	109.4	115.3	121.2
GE 4500	1	32.3	38.3	44.8	50.7	56.6	62.5	68.4	74.3	80.2	86.1	92.0	97.9	103.8	109.7	115.6	121.5
GE 4000	1	44.6	52.6	60.6	68.6	76.6	84.6	92.6	100.6	108.6	116.6	124.6	132.6	140.6	148.6	156.6	164.6
GE 3500	1	47.2	55.3	63.2	71.2	79.2	87.2	95.2	103.2	111.2	119.2	127.2	135.2	143.2	151.2	159.2	167.2
GE 3000	1	49.9	58.3	66.3	74.3	82.3	90.3	98.3	106.3	114.3	122.3	130.3	138.3	146.3	154.3	162.3	170.3
GE 2500	1	52.0	60.5	68.8	77.1	85.4	93.7	102.0	110.3	118.6	126.9	135.2	143.5	151.8	160.1	168.4	176.7
GE 2000	1	54.2	62.7	71.0	79.3	87.6	95.9	104.2	112.5	120.8	129.1	137.4	145.7	154.0	162.3	170.6	178.9
GE 1800	1	55.0	63.6	72.1	80.4	88.7	97.0	105.3	113.6	121.9	130.2	138.5	146.8	155.1	163.4	171.7	180.0
GE 1600	1	57.2	65.8	74.3	82.6	90.9	99.2	107.5	115.8	124.1	132.4	140.7	149.0	157.3	165.6	173.9	182.2
GE 1400	1	58.4	67.0	75.3	83.6	91.9	100.2	108.5	116.8	125.1	133.4	141.7	150.0	158.3	166.6	174.9	183.2
GE 1200	1	58.7	67.3	75.6	83.9	92.2	100.5	108.8	117.1	125.4	133.7	142.0	150.3	158.6	166.9	175.2	183.5
GE 1000	1	58.9	67.5	75.8	84.1	92.4	100.7	109.0	117.3	125.6	133.9	142.2	150.5	158.8	167.1	175.4	183.7
GE 900	1	58.6	67.2	75.5	83.8	92.1	100.4	108.7	117.0	125.3	133.6	141.9	150.2	158.5	166.8	175.1	183.4
GE 800	1	58.5	67.1	75.4	83.7	92.0	100.3	108.6	116.9	125.2	133.5	141.8	150.1	158.4	166.7	175.0	183.3
GE 700	1	58.8	67.4	75.7	84.0	92.3	100.6	108.9	117.2	125.5	133.8	142.1	150.4	158.7	167.0	175.3	183.6
GE 600	1	59.8	68.4	76.7	85.0	93.3	101.6	109.9	118.2	126.5	134.8	143.1	151.4	159.7	168.0	176.3	184.6
GE 500	1	59.8	68.4	76.7	85.0	93.3	101.6	109.9	118.2	126.5	134.8	143.1	151.4	159.7	168.0	176.3	184.6
GE 400	1	59.8	68.4	76.7	85.0	93.3	101.6	109.9	118.2	126.5	134.8	143.1	151.4	159.7	168.0	176.3	184.6
GE 300	1	59.8	68.4	76.7	85.0	93.3	101.6	109.9	118.2	126.5	134.8	143.1	151.4	159.7	168.0	176.3	184.6
GE 200	1	59.8	68.4	76.7	85.0	93.3	101.6	109.9	118.2	126.5	134.8	143.1	151.4	159.7	168.0	176.3	184.6
GE 100	1	59.8	68.4	76.7	85.0	93.3	101.6	109.9	118.2	126.5	134.8	143.1	151.4	159.7	168.0	176.3	184.6
GE	0	59.8	68.4	76.7	85.0	93.3	101.6	109.9	118.2	126.5	134.8	143.1	151.4	159.7	168.0	176.3	184.6

TOTAL NUMBER OF OBSERVATIONS: 925

GLOBAL CLIMATOLOGY BRANCH  
USAF/CIAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 015933 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 76-87

MONTH: JUL HOURS/DATE: 01/07-01/08

CEILING IN FEET	1 160	2 90	3 80	4 60	5 40	6 30	7 24	8 20	9 16	10 10	11 8	12 6	13 4	14 3	15 2
NO CEIL	1	21.1	23.6	27.4	29.3	29.5	30.7	30.4	30.4	30.7	30.7	30.7	30.4	30.9	31.1
GE 20000		23.7	26.7	30.8	33.0	33.1	34.3	34.4	34.4	34.7	34.7	34.7	34.4	34.9	34.9
GE 16000		23.7	26.7	30.8	33.0	33.1	34.3	34.4	34.4	34.7	34.7	34.7	34.4	34.9	34.9
GE 14000		23.7	26.7	30.8	33.0	33.1	34.3	34.4	34.4	34.7	34.7	34.7	34.4	34.9	34.9
GE 12000		23.9	26.9	31.0	33.2	33.3	34.5	34.7	34.7	34.9	34.9	34.9	34.6	35.1	35.1
GE 10000		24.0	27.1	31.2	33.3	33.5	34.7	34.8	34.8	35.0	35.0	35.0	34.7	35.3	35.3
GE 8000		25.2	28.6	33.2	35.5	35.6	37.0	37.2	37.7	37.4	37.6	37.6	37.7	37.9	37.9
GE 6000		25.5	29.0	33.7	36.0	36.1	37.4	37.7	37.7	37.6	37.6	37.6	37.7	37.9	37.9
GE 4000		31.0	35.3	40.9	43.2	43.4	44.9	45.2	45.2	45.4	45.7	45.7	45.8	45.9	45.9
GE 2000		31.8	36.1	41.8	44.3	44.4	46.0	46.3	46.3	46.5	46.7	46.7	46.7	47.0	47.0
GE 1000		31.9	36.2	41.9	44.4	44.6	46.1	46.4	46.4	46.6	46.9	46.9	47.0	47.1	47.1
GE 5000		36.4	41.4	47.6	50.1	50.2	51.8	52.1	52.1	52.3	52.6	52.6	52.7	52.8	52.8
GE 4500		42.6	48.3	55.0	57.6	57.7	59.2	59.5	59.5	59.6	60.0	60.0	60.1	60.3	60.3
GE 4000		48.8	55.7	63.3	66.2	66.4	68.0	68.4	68.4	68.7	69.0	69.0	69.1	69.2	69.2
GE 3500		53.0	60.6	68.7	71.7	72.0	73.6	73.9	73.9	74.3	74.6	74.6	74.6	74.9	74.9
GE 3000		56.3	64.0	72.2	75.4	75.6	77.2	77.7	77.7	78.0	78.4	78.4	78.5	78.6	78.6
GE 2500		58.5	66.2	74.4	77.7	78.1	79.7	80.2	80.2	80.7	81.0	81.0	81.2	81.3	81.3
GE 2000		61.1	68.8	77.7	81.3	81.9	83.5	83.9	83.9	84.4	84.8	84.8	84.9	85.0	85.0
GE 1800		61.7	69.4	78.3	81.9	82.6	84.2	84.7	84.7	85.1	85.5	85.5	85.6	85.7	85.7
GE 1500		63.4	71.1	80.1	83.8	84.7	86.2	86.7	86.7	87.2	87.6	87.6	87.7	87.8	87.8
GE 1200		65.2	72.9	82.0	85.9	86.7	88.3	88.8	88.8	89.2	89.6	89.6	89.7	89.8	89.8
GE 1000		65.7	73.6	82.5	86.6	87.7	89.3	89.7	89.7	90.0	90.6	90.6	90.7	90.8	90.8
GE 900		66.1	74.0	83.8	87.8	88.6	90.2	90.7	90.7	91.3	91.7	91.7	91.8	91.9	91.9
GE 800		66.7	74.8	85.1	89.6	90.7	92.5	93.0	93.0	93.7	94.1	94.1	94.2	94.3	94.3
GE 700		66.7	74.8	85.7	91.3	92.6	94.4	95.2	95.2	95.6	96.3	96.3	96.4	96.5	96.5
GE 600		66.7	74.8	85.7	91.3	92.8	94.7	95.4	95.4	95.6	96.5	96.5	96.7	96.7	96.7
GE 500		66.7	74.8	85.7	91.8	93.2	95.7	96.3	96.3	96.7	97.1	97.7	97.7	97.9	97.9
GE 400		66.7	74.8	85.7	91.8	93.2	95.7	96.4	96.4	96.8	97.2	97.9	97.9	98.2	98.2
GE 300		66.7	74.8	85.7	91.8	93.2	95.7	96.5	96.5	96.9	97.3	98.0	98.0	98.4	98.4
GE 200		66.7	74.8	85.7	91.8	93.2	95.7	96.5	96.5	96.9	97.3	98.0	98.0	98.4	98.4
GE 100		66.7	74.8	85.7	91.8	93.2	95.7	96.5	96.5	96.9	97.3	98.0	98.0	98.4	98.4
GE	CE	66.7	74.8	85.7	91.8	93.2	95.7	96.5	96.5	96.9	97.3	98.0	98.0	98.4	98.4

TOTAL NUMBER OF OBSERVATIONS: 828

GLOBAL CLIMATOLOGY BRANCH  
USAF/ETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 215433 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 1967  
MONTH: JUL HOURS/DATE: 14/01/68

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	1 160	GE 90	GE 50	GE 60	GE 45	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 6	GE 4	GE 3
NO CEIL		71.9	22.7	23.0	24.0	24.1	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3
GE 20000		16.0	27.3	28.9	29.4	29.5	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7
GE 18000		26.0	27.3	28.9	29.4	29.5	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7
GE 16000		26.0	27.3	28.9	29.4	29.5	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7
GE 14000		26.0	27.3	28.9	29.4	29.5	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7
GE 12000		26.1	27.5	29.0	29.6	29.6	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9
GE 10000		27.8	29.3	30.9	31.4	31.5	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8
GE 9000		28.1	29.5	31.2	31.7	31.8	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0
GE 8000		32.1	34.3	36.6	37.1	37.2	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4
GE 7000		34.1	35.6	37.9	38.4	38.5	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7
GE 6000		34.5	36.1	38.4	38.8	38.8	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0
GE 5000		38.6	40.4	42.7	43.2	43.2	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4
GE 4500		44.7	46.5	48.9	49.4	49.5	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
GE 4000		54.6	56.6	59.0	59.5	59.6	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
GE 3500		62.2	64.4	66.8	67.3	67.6	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
GE 3000		71.6	74.2	76.9	77.5	77.9	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
GE 2500		74.3	76.9	79.5	80.2	80.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 2000		78.3	81.4	84.4	85.4	85.9	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
GE 1800		79.4	82.5	85.5	86.5	86.9	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 1600		82.0	85.3	88.5	89.6	90.0	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 1400		84.4	88.1	91.6	92.9	93.3	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 1200		85.4	89.4	93.3	94.8	95.4	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 1000		85.4	89.4	93.3	94.8	95.4	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 900		85.7	90.2	94.5	96.4	97.0	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 800		85.9	90.4	94.8	97.4	98.0	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 700		85.9	90.4	94.8	97.4	98.1	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 600		85.9	90.4	95.0	97.7	98.3	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 500		85.9	90.4	95.0	97.7	98.3	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 400		85.9	90.4	95.0	97.7	98.3	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 300		85.9	90.4	95.0	97.7	98.3	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 200		85.9	90.4	95.0	97.7	98.3	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 100		85.9	90.4	95.0	97.7	98.3	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 0		85.9	90.4	95.0	97.7	98.3	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2

TOTAL NUMBER OF OBSERVATIONS: 434

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035833 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 78-87  
MONTH: JUL HOURS(LOCAL): 1700-1400

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GE 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE C
NO CEIL		18.0	18.9	19.2	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4
GE 20000		24.0	25.1	25.6	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7
GE 18000		24.0	25.1	25.6	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7
GE 16000		24.3	25.3	25.6	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9
GE 14000		24.3	25.3	25.6	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9
GE 12000		24.4	25.4	25.9	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0
GE 10000		25.2	26.4	27.5	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6
GE 9000		25.7	26.9	28.0	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1
GE 8000		29.4	30.6	31.9	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0
GE 7000		30.1	31.3	32.6	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7
GE 6000		30.2	31.4	32.7	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9
GE 5000		34.5	36.0	37.4	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5
GE 4500		43.6	45.0	46.5	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6
GE 4000		58.9	60.6	62.5	62.7	62.7	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
GE 3500		70.3	72.3	74.0	74.2	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE 3000		79.9	82.1	83.9	84.3	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 2500		83.5	85.7	87.9	88.4	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 2000		86.7	88.9	91.5	92.1	92.2	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE 1800		87.7	89.0	92.5	93.2	93.3	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 1500		89.0	91.2	93.9	94.7	94.9	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 1200		90.3	92.6	95.5	96.4	96.5	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 1000		90.4	93.3	96.4	97.6	97.7	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 900		90.6	93.4	96.5	97.8	98.0	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 800		90.6	93.5	96.9	98.2	98.3	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 700		90.6	93.5	97.0	98.3	98.6	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 600		90.6	93.5	97.0	98.3	98.6	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 500		90.6	93.5	97.0	98.4	98.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 400		90.6	93.5	97.0	98.4	98.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300		90.6	93.5	97.0	98.4	98.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200		90.6	93.5	97.0	98.4	98.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100		90.6	93.5	97.0	98.4	98.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE C		90.6	93.5	97.0	98.4	98.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 337

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 015833 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 78-87  
MONTH: JUL HOURS(LST): 1500-1700

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	1	19.9	20.8	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3
GE 20000		27.7	28.8	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3
GE 18000		28.1	29.2	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6
GE 16000		28.4	29.5	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
GE 14000		28.7	29.8	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2
GE 12000		29.2	30.2	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7
GE 10000		31.2	32.4	33.0	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1
GE 9000		31.9	33.1	33.7	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9
GE 8000		39.6	41.0	41.6	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7
GE 7000		41.2	42.9	43.5	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6
GE 6000		41.2	42.9	43.5	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6
GE 5000		44.8	46.6	47.5	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6
GE 4500		54.3	56.1	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
GE 4000		68.6	70.5	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
GE 3500		78.6	80.6	82.2	82.3	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
GE 3000		84.3	86.6	88.4	88.6	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 2500		87.2	89.8	91.9	92.2	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 2000		88.6	91.3	94.0	94.3	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 1800		88.6	91.3	94.0	94.3	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 1500		89.9	92.8	95.8	96.3	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 1200		91.0	94.0	97.0	97.7	97.8	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 1000		91.2	94.3	97.6	98.3	98.4	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 900		91.3	94.5	97.7	98.4	98.6	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 800		91.3	94.5	97.7	98.4	98.6	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 700		91.3	94.6	97.8	98.6	98.7	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 600		91.3	94.6	97.8	98.6	98.7	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 500		91.3	94.6	97.8	98.6	98.7	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 400		91.3	94.6	97.8	98.6	98.7	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300		91.3	94.6	97.8	98.6	98.7	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200		91.3	94.6	97.8	98.6	98.7	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100		91.3	94.6	97.8	98.6	98.7	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0		91.3	94.6	97.8	98.6	98.7	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 830

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035833 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 78-87  
MONTH: JUL HOURS(IST): 1800-2100

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	26.3	29.2	29.9	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
GE 20000	36.7	38.1	38.9	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1
GE 18000	27.3	38.7	39.5	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7
GE 16000	27.3	38.7	39.5	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7
GE 14000	27.3	38.7	39.5	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7
GE 12000	27.5	39.0	39.7	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
GE 10000	41.8	43.3	44.2	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
GE 9000	42.7	44.3	45.2	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
GE 8000	50.7	52.4	53.5	54.1	54.1	54.1	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
GE 7000	51.6	53.3	54.4	55.0	55.0	55.0	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
GE 6000	51.8	53.5	54.6	55.2	55.2	55.2	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
GE 5000	56.5	58.5	59.6	60.3	60.3	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
GE 4500	64.4	66.6	68.3	69.0	69.0	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
GE 4000	73.6	76.0	77.8	78.6	78.6	78.6	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
GE 3500	78.2	80.6	82.7	83.4	83.4	83.4	83.5	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
GE 3000	82.4	85.2	87.5	88.4	88.4	88.4	88.7	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 2500	84.9	88.1	90.7	91.6	91.6	91.6	92.1	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 2000	86.8	90.1	93.1	94.2	94.2	94.2	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 1800	86.9	90.2	93.2	94.3	94.3	94.3	94.8	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 1500	88.7	92.1	95.2	96.5	96.5	96.5	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 1200	89.2	92.7	95.8	97.1	97.1	97.1	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 1000	89.6	93.1	96.1	97.5	97.5	97.5	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 900	89.6	93.3	96.4	97.7	97.7	97.7	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 800	89.6	93.3	96.6	98.1	98.1	98.1	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 700	89.6	93.3	96.7	98.2	98.2	98.2	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 600	89.6	93.3	96.9	98.3	98.3	98.3	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 500	89.6	93.3	96.9	98.3	98.3	98.3	98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 400	89.6	93.3	96.9	98.3	98.3	98.3	98.9	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 300	89.6	93.3	96.9	98.3	98.3	98.3	98.9	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 200	89.6	93.3	96.9	98.3	98.3	98.3	98.9	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 100	89.6	93.3	96.9	98.3	98.3	98.3	98.9	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 0	89.6	93.3	96.9	98.3	98.3	98.3	98.9	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS: 826

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 075933 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 74-80, 84-87  
MONTH: JUL HOURS(LETS): 2107-2300

CEILING IN FEET	GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	VISIBILITY IN HUNDREDS OF METERS										FE 4	GE 0
							GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 3	GE 2		
NO CEIL	1	74.4	36.1	37.5	38.2	38.5	38.5	38.5	38.5	38.5	38.5	38.6	38.6	38.6	38.6	38.6	38.6	38.6
GE 20000		40.2	41.9	43.4	44.2	44.6	44.7	44.7	44.7	45.0	45.0	45.1	45.1	45.2	45.2	45.2	45.2	45.2
GE 18000		40.5	42.2	43.6	44.5	44.8	45.0	45.0	45.0	45.0	45.2	45.2	45.3	45.3	45.4	45.4	45.4	45.4
GE 16000		40.5	42.2	43.6	44.5	44.8	45.0	45.0	45.0	45.0	45.2	45.2	45.3	45.3	45.4	45.4	45.4	45.4
GE 14000		40.5	42.2	43.6	44.5	44.8	45.0	45.0	45.0	45.0	45.2	45.2	45.3	45.3	45.4	45.4	45.4	45.4
GE 12000		40.5	42.2	43.6	44.5	44.8	45.0	45.0	45.0	45.0	45.2	45.2	45.3	45.3	45.4	45.4	45.4	45.4
GE 10000		43.5	45.3	46.9	47.8	48.1	48.4	48.4	48.4	48.6	48.6	48.7	48.7	48.8	48.8	48.8	48.8	48.8
GE 9000		44.5	46.3	47.9	48.8	49.2	49.5	49.5	49.5	49.7	49.7	49.8	49.8	49.9	49.9	49.9	49.9	49.9
GE 8000		50.1	52.2	54.2	55.3	55.7	56.3	56.3	56.3	56.5	56.5	56.6	56.6	56.7	56.7	56.7	56.7	56.7
GE 7000		50.4	52.6	54.6	55.7	56.0	56.6	56.6	56.6	56.8	56.8	57.0	57.0	57.1	57.1	57.1	57.1	57.1
GE 6000		50.4	52.6	54.6	55.7	56.0	56.6	56.6	56.6	56.8	56.8	57.0	57.0	57.1	57.1	57.1	57.1	57.1
GE 5000		54.3	57.0	59.1	60.4	60.8	61.4	61.4	61.4	61.6	61.6	61.7	61.7	61.8	61.8	61.8	61.8	61.8
GE 4500		61.2	64.5	66.8	68.4	68.8	69.4	69.4	69.4	69.6	69.6	69.7	69.7	69.8	69.8	69.8	69.8	69.8
GE 4000		69.7	73.4	76.1	77.6	78.0	78.7	78.7	78.7	79.0	79.0	79.1	79.1	79.2	79.2	79.2	79.2	79.2
GE 3500		73.4	77.4	80.2	81.9	82.3	83.0	83.0	83.0	83.2	83.2	83.4	83.4	83.5	83.5	83.5	83.5	83.5
GE 3000		76.4	80.7	83.6	85.4	85.8	86.9	86.9	86.9	87.1	87.1	87.2	87.2	87.4	87.4	87.4	87.4	87.4
GE 2500		78.3	82.9	86.3	88.2	88.6	89.8	89.8	89.8	90.0	90.0	90.2	90.2	90.3	90.3	90.3	90.3	90.3
GE 2000		79.7	84.3	87.8	89.9	90.3	91.5	91.5	91.5	91.7	91.7	91.9	91.9	92.0	92.0	92.0	92.0	92.0
GE 1800		80.2	84.8	88.3	90.4	90.8	92.0	92.0	92.0	92.2	92.2	92.3	92.3	92.5	92.5	92.5	92.5	92.5
GE 1500		82.9	87.5	91.1	93.6	93.9	95.1	95.1	95.1	95.3	95.3	95.5	95.5	95.6	95.6	95.6	95.6	95.6
GE 1200		83.5	88.6	92.3	94.9	95.3	96.5	96.5	96.5	96.7	96.7	96.8	96.8	96.9	96.9	96.9	96.9	96.9
GE 1000		83.6	88.7	92.6	95.3	95.6	97.0	97.0	97.0	97.2	97.2	97.4	97.4	97.5	97.5	97.5	97.5	97.5
GE 900		83.6	88.7	92.6	95.3	95.6	97.0	97.0	97.0	97.2	97.2	97.4	97.4	97.5	97.5	97.5	97.5	97.5
GE 800		83.7	88.9	93.1	96.0	96.4	97.7	97.7	97.7	97.9	97.9	98.1	98.1	98.2	98.2	98.2	98.2	98.2
GE 700		83.7	88.9	93.1	96.0	96.4	97.7	97.7	97.7	97.9	97.9	98.1	98.1	98.2	98.2	98.2	98.2	98.2
GE 600		83.7	88.9	93.1	96.0	96.4	97.7	97.7	97.7	97.9	97.9	98.1	98.1	98.2	98.2	98.2	98.2	98.2
GE 500		83.7	88.9	93.1	96.0	96.4	97.7	97.7	97.7	97.9	97.9	98.1	98.1	98.2	98.2	98.2	98.2	98.2
GE 400		83.7	88.9	93.1	96.0	96.4	97.7	97.7	97.7	97.9	97.9	98.1	98.1	98.2	98.2	98.2	98.2	98.2
GE 300		83.7	88.9	93.1	96.0	96.4	97.7	97.7	97.7	97.9	97.9	98.1	98.1	98.2	98.2	98.2	98.2	98.2
GE 200		83.7	88.9	93.1	96.0	96.4	97.7	97.7	97.7	97.9	97.9	98.1	98.1	98.2	98.2	98.2	98.2	98.2
GE 100		83.7	88.9	93.1	96.0	96.4	97.7	97.7	97.7	97.9	97.9	98.1	98.1	98.2	98.2	98.2	98.2	98.2
GE 0		83.7	88.9	93.1	96.0	96.4	97.7	97.7	97.7	97.9	97.9	98.1	98.1	98.2	98.2	98.2	98.2	98.2

TOTAL NUMBER OF OBSERVATIONS: 923



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035833 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 7e-67  
MONTH: JUL HOURS(EST): ALL

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	FEET	GT 160	GE 90	GF 90	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 6	GE 4	GE 0
NO CEIL	I		24.7	26.6	28.2	29.2	29.3	29.4	29.9	29.9	30.0	30.1	30.1	30.1	30.2	30.2	30.3
GE 20000	I		29.8	32.2	33.9	35.0	35.1	35.4	35.9	35.9	36.0	36.1	36.1	36.1	36.2	36.2	36.2
GE 18000	I		30.0	32.2	34.1	35.1	35.3	36.0	36.1	36.1	36.2	36.3	36.3	36.3	36.4	36.4	36.4
GE 16000	I		30.0	32.3	34.2	35.2	35.4	36.0	36.1	36.1	36.3	36.3	36.4	36.4	36.4	36.4	36.5
GE 14000	I		30.1	32.4	34.2	35.3	35.5	36.1	36.2	36.2	36.4	36.4	36.4	36.4	36.5	36.5	36.5
GE 12000	I		30.2	32.5	34.4	35.4	35.6	36.3	36.3	36.4	36.5	36.5	36.6	36.6	36.7	36.7	36.7
GE 10000	I		32.3	34.7	36.4	37.9	38.1	38.9	39.0	39.0	39.1	39.2	39.2	39.2	39.3	39.3	39.4
GE 9000	I		32.8	35.3	37.4	38.5	38.7	39.5	39.6	39.6	39.7	39.8	39.8	39.8	39.9	39.9	40.0
GE 8000	I		38.5	41.5	43.9	45.1	45.3	46.2	46.3	46.3	46.5	46.6	46.6	46.7	46.7	46.7	46.8
GE 7000	I		39.5	42.3	44.9	46.2	46.4	47.3	47.4	47.4	47.6	47.7	47.7	47.7	47.8	47.8	47.9
GE 6000	I		39.6	42.5	45.1	46.4	46.6	47.4	47.6	47.6	47.8	47.9	47.9	47.9	48.0	48.0	48.1
GE 5000	I		43.4	46.7	49.4	50.9	51.1	52.0	52.1	52.1	52.3	52.4	52.4	52.4	52.5	52.5	52.6
GE 4500	I		50.7	54.2	57.3	58.8	59.0	59.9	60.0	60.0	60.2	60.3	60.3	60.3	60.4	60.4	60.5
GE 4000	I		60.4	64.5	67.9	69.6	69.9	70.8	71.0	71.0	71.2	71.3	71.4	71.4	71.5	71.5	71.6
GE 3500	I		66.3	70.7	74.3	76.0	76.3	77.2	77.4	77.4	77.7	77.8	77.8	77.9	77.9	78.0	78.0
GE 3000	I		71.4	76.0	79.7	81.6	81.9	82.9	83.2	83.2	83.4	83.6	83.6	83.6	83.7	83.7	83.8
GE 2500	I		73.8	78.6	82.6	84.5	84.9	86.0	86.2	86.2	86.5	86.6	86.6	86.7	86.7	86.7	86.8
GE 2000	I		78.1	81.1	85.5	87.6	88.0	89.1	89.3	89.4	89.6	89.8	89.8	89.8	89.9	89.9	90.0
GE 1800	I		78.7	81.6	86.0	88.1	88.5	89.6	89.9	89.9	90.2	90.3	90.3	90.4	90.4	90.4	90.5
GE 1500	I		78.7	83.8	86.4	90.7	91.2	92.4	92.7	92.7	92.9	93.1	93.1	93.1	93.2	93.2	93.3
GE 1200	I		80.0	85.4	88.1	92.5	93.0	94.2	94.5	94.5	94.8	94.9	94.9	95.0	95.0	95.0	95.1
GE 1000	I		80.4	86.0	90.0	93.4	93.6	95.2	95.5	95.5	95.8	96.0	96.0	96.0	96.1	96.1	96.2
GE 900	I		80.5	86.1	91.1	94.7	94.1	95.5	95.8	95.9	96.2	96.3	96.3	96.4	96.4	96.5	96.5
GE 800	I		80.7	86.6	91.5	94.6	95.0	96.4	96.8	96.9	97.2	97.3	97.3	97.4	97.4	97.5	97.6
GE 700	I		80.7	86.7	92.0	95.1	95.6	97.1	97.5	97.5	97.9	98.0	98.0	98.1	98.1	98.2	98.3
GE 600	I		80.7	86.7	92.2	95.2	95.8	97.3	97.6	97.6	98.2	98.3	98.3	98.4	98.4	98.5	98.6
GE 500	I		80.7	86.7	92.3	95.5	96.0	97.6	98.2	98.2	98.7	98.9	98.9	98.9	99.0	99.1	99.2
GE 400	I		80.7	86.7	92.3	95.5	96.0	97.6	98.3	98.3	98.8	99.0	99.0	99.1	99.1	99.2	99.4
GE 300	I		80.7	86.7	92.3	95.5	96.0	97.7	98.4	98.4	98.9	99.2	99.2	99.3	99.3	99.4	99.7
GE 200	I		80.7	86.7	92.3	95.5	96.0	97.7	98.4	98.4	98.9	99.2	99.2	99.3	99.3	99.4	99.7
GE 100	I		80.7	86.7	92.3	95.5	96.0	97.7	98.4	98.4	98.9	99.2	99.2	99.3	99.3	99.4	99.7
GE	0		80.7	86.7	92.3	95.5	96.0	97.7	98.4	98.4	98.9	99.2	99.2	99.3	99.3	99.4	99.7

TOTAL NUMBER OF OBSERVATIONS: 6626

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035833 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 7A-B0,94-87  
MONTH: AUG HOURS(EST): 0000-0,00

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	1	GT 160	GE 90	GE 80	GE 60	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 6	GE 4	GE 2
NO CEIL	1		34.2	36.6	39.5	41.3	41.6	44.2	44.8	45.0	45.3	45.3	45.4	45.5	45.7	45.8
GE 20000			36.2	39.4	42.4	44.7	45.2	48.1	48.7	48.9	49.2	49.2	49.3	49.4	49.5	49.6
GE 18000			36.2	39.4	42.4	44.7	45.2	48.1	48.7	48.9	49.2	49.2	49.3	49.4	49.5	49.6
GE 16000			36.2	39.4	42.4	44.7	45.2	48.1	48.7	48.9	49.2	49.2	49.3	49.4	49.5	49.6
GE 14000			36.2	39.4	42.4	44.7	45.2	48.1	48.7	48.9	49.2	49.2	49.3	49.4	49.5	49.6
GE 12000			36.2	39.4	42.4	44.7	45.2	48.1	48.7	48.9	49.2	49.2	49.3	49.4	49.5	49.6
GE 10000			37.1	40.3	43.6	46.3	46.7	49.9	50.6	50.8	51.1	51.1	51.2	51.3	51.4	51.5
GE 9000			37.2	40.5	43.7	46.4	46.9	50.0	50.7	51.0	51.2	51.2	51.3	51.4	51.5	51.6
GE 8000			41.5	45.2	48.6	51.2	51.7	54.8	55.7	55.9	56.4	56.4	56.5	56.6	56.8	56.9
GE 7000			41.9	45.5	48.9	51.6	52.1	55.2	56.0	56.3	56.5	56.9	56.9	57.0	57.1	57.2
GE 6000			42.3	46.1	49.6	52.3	52.8	55.9	56.8	57.0	57.5	57.5	57.6	57.7	57.9	58.0
GE 5000			44.1	48.4	51.9	54.8	55.3	58.7	59.7	59.9	60.4	60.4	60.5	60.6	60.9	61.0
GE 4500			44.4	53.9	58.1	61.0	61.5	64.9	65.9	66.2	66.7	66.7	66.8	66.9	67.1	67.3
GE 4000			57.9	63.3	68.5	71.5	72.1	75.6	76.7	76.9	77.4	77.4	77.7	77.8	78.0	78.1
GE 3500			51.2	67.1	72.3	75.6	76.2	79.7	80.8	81.0	81.5	81.5	81.8	81.9	82.1	82.2
GE 3000			54.0	70.4	76.1	79.3	80.0	83.5	84.5	84.8	85.3	85.3	85.5	85.6	85.9	86.0
GE 2500			65.2	71.6	77.3	81.0	81.6	85.1	86.2	86.5	87.0	87.0	87.2	87.3	87.6	87.7
GE 2000			66.5	73.1	79.1	83.3	84.1	87.6	88.6	88.9	89.4	89.4	89.6	89.7	90.1	90.2
GE 1800			66.8	73.3	79.3	83.7	84.4	87.9	89.0	89.3	89.7	89.7	90.0	90.1	90.5	90.6
GE 1600			66.4	74.9	80.9	85.4	86.1	90.0	91.3	91.5	92.0	92.0	92.3	92.4	92.6	92.9
GE 1400			66.7	75.2	81.3	85.7	86.5	90.3	91.6	92.0	92.5	92.5	92.8	92.9	93.0	93.4
GE 1200			66.7	75.4	81.6	86.2	87.0	90.8	92.3	92.5	93.0	93.0	93.2	93.4	93.7	93.8
GE 1000			69.0	75.6	82.0	86.6	87.3	91.2	92.6	92.9	93.4	93.4	93.6	93.7	94.1	94.2
GE 900			69.0	75.6	82.2	87.1	87.8	91.8	93.2	93.5	94.0	94.0	94.2	94.3	94.7	94.8
GE 800			69.1	75.7	82.5	87.3	88.0	92.3	93.7	94.0	94.4	94.4	94.7	94.8	95.2	95.3
GE 700			69.1	75.8	82.6	87.4	88.2	92.4	94.1	94.3	94.8	94.8	95.0	95.2	95.5	95.7
GE 600			69.3	76.2	83.1	88.2	88.9	93.4	95.5	95.8	96.3	96.3	96.5	96.6	97.0	97.1
GE 500			69.3	76.2	83.1	88.2	88.9	93.4	95.5	95.8	96.3	96.3	96.5	96.6	97.0	97.1
GE 400			69.3	76.2	83.1	88.2	88.9	93.4	95.5	95.8	96.3	96.3	96.5	96.6	97.0	97.1
GE 300			69.3	76.2	83.1	88.2	88.9	93.4	95.5	95.8	96.3	96.3	96.5	96.6	97.0	97.1
GE 200			69.3	76.2	83.1	88.2	88.9	93.4	95.5	95.8	96.3	96.3	96.5	96.6	97.0	97.1
GE 100			69.3	76.2	83.1	88.2	88.9	93.4	95.5	95.8	96.3	96.3	96.5	96.6	97.0	97.1
GE	0		69.3	76.2	83.1	88.2	88.9	93.4	95.5	95.8	96.3	96.3	96.5	96.6	97.0	97.1

TOTAL NUMBER OF OBSERVATIONS: 428

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035833 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 75-87,84-87

MONTH: ALL HOURS/CEILING: 0300-0900

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	GT	GE	GF	GE	GF	GE	GF	GE	GF	GE	GF	GE	GF	GE	GF	GE	GF
FEET	1	160	90	80	60	48	40	32	24	20	16	12	10	8	6	4	0
NO CELL	1	24.0	25.8	32.3	32.4	32.4	34.8	37.0	37.3	38.3	39.6	39.8	39.8	39.0	39.1	40.1	
GE 20000		26.7	28.9	34.2	36.4	36.4	39.0	41.3	41.7	42.6	43.1	43.2	43.2	43.5	44.0	44.9	
GE 18000		26.7	28.9	34.2	36.6	36.6	39.3	41.5	41.9	42.9	43.4	43.5	43.5	43.7	44.2	45.2	
GE 16000		26.7	28.9	34.2	36.6	36.6	39.3	41.5	41.9	42.9	43.4	43.5	43.5	43.7	44.2	45.2	
GE 14000		26.7	28.9	34.2	36.6	36.6	39.3	41.5	41.9	42.9	43.4	43.5	43.5	43.7	44.2	45.2	
GE 12000		26.7	28.9	34.2	36.6	36.6	39.3	41.5	41.9	43.0	43.5	43.6	43.6	43.8	44.3	45.3	
GE 10000		27.3	29.7	35.5	38.0	38.4	41.3	43.6	44.0	45.0	45.5	45.7	45.7	45.9	46.4	47.3	
GE 9000		27.5	30.0	35.7	38.3	38.6	41.5	44.1	44.4	45.5	46.0	46.1	46.1	46.4	46.9	47.8	
GE 8000		33.9	36.8	43.0	46.1	46.5	49.6	52.3	52.7	53.7	54.3	54.5	54.5	54.7	55.3	56.3	
GE 7000		34.2	37.2	43.5	46.7	47.1	50.2	52.9	53.3	54.3	55.0	55.1	55.1	55.3	55.9	56.9	
GE 6000		34.9	38.4	44.8	48.1	48.4	51.6	54.2	54.6	55.7	56.3	56.4	56.4	56.6	57.2	58.2	
GE 5000		36.2	39.9	46.6	49.9	50.2	53.5	56.3	56.6	58.0	58.6	58.7	58.7	58.9	59.5	60.5	
GE 4500		40.2	44.2	51.8	55.1	55.4	58.7	61.5	61.8	63.2	63.8	63.9	64.0	64.3	64.9	65.8	
GE 4000		45.7	50.2	58.0	61.2	61.6	65.2	68.1	68.5	69.9	70.5	70.7	70.8	71.0	71.6	72.6	
GE 3500		48.9	54.1	62.1	65.6	65.9	69.6	72.5	72.8	74.3	74.9	75.0	75.1	75.4	76.0	76.9	
GE 3000		51.0	56.4	65.1	69.1	69.4	73.1	76.1	76.4	78.0	78.7	78.9	79.0	79.2	80.0	80.9	
GE 2500		52.1	57.9	66.5	71.0	71.4	75.2	78.3	78.6	80.2	80.9	81.0	81.2	81.4	82.1	83.1	
GE 2000		53.0	59.1	68.1	72.8	73.2	77.4	80.6	80.9	82.5	83.2	83.3	83.5	83.7	84.4	85.4	
GE 1800		53.9	59.9	69.1	73.9	74.3	78.5	81.6	82.0	83.6	84.3	84.4	84.5	84.8	85.5	86.5	
GE 1500		55.0	61.2	70.7	75.7	76.1	80.4	83.6	84.1	85.6	86.4	86.5	86.6	86.8	87.6	88.5	
GE 1200		55.2	61.6	71.1	76.3	76.7	81.3	84.9	85.4	87.0	87.7	87.8	87.9	88.2	88.9	89.9	
GE 1000		55.4	62.2	71.9	77.1	77.4	82.1	85.9	86.4	87.9	88.6	88.8	88.9	89.1	89.9	90.8	
GE 900		55.4	62.2	72.3	77.5	77.9	82.6	86.5	87.0	88.5	89.3	89.4	89.5	89.7	90.5	91.4	
GE 800		55.4	62.2	72.3	77.9	78.3	83.0	87.0	87.4	89.0	89.7	89.9	90.0	90.2	90.9	91.9	
GE 700		55.8	62.6	72.9	78.5	78.9	83.7	87.7	88.2	89.7	90.5	90.6	90.7	90.9	91.7	92.6	
GE 600		55.8	62.7	73.1	78.7	79.1	83.9	88.3	88.9	90.6	91.3	91.4	91.5	91.8	92.5	93.5	
GE 500		55.9	62.8	73.2	79.2	79.6	84.9	89.5	90.2	92.0	92.8	92.9	93.0	93.2	94.0	94.9	
GE 400		55.9	62.9	73.3	79.5	79.8	85.6	90.5	91.2	93.1	93.8	94.0	94.1	94.3	95.0	96.1	
GE 300		55.9	62.9	73.3	79.5	79.8	85.7	90.6	91.4	93.4	94.3	94.6	94.7	94.9	95.8	97.1	
GE 200		55.9	62.9	73.3	79.5	79.8	85.7	90.6	91.4	93.4	94.3	94.6	94.7	94.9	95.8	97.7	
GE 100		55.9	62.9	73.3	79.5	79.8	85.7	90.6	91.4	93.4	94.4	94.7	94.8	95.5	96.9	99.9	
GE 0		55.9	62.9	73.3	79.5	79.8	85.7	90.6	91.4	93.4	94.4	94.7	94.8	95.5	97.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: 824

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 015933 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 74-02-04-07  
MONTHS: ALL RECORDS: 07-02-01-00

CEILING		VISIBILITY IN HUNDREDS OF FEET																
IN	GT	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET	160	90	80	70	60	50	40	30	20	10	10	10	10	10	10	10	10	10
NO CEIL	1	10.3	22.6	25.7	27.7	27.8	27.0	21.0	11.4	11.4	37.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
GE 20000		23.6	26.1	30.3	32.3	32.6	34.4	36.1	36.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1
GE 18000		23.7	26.2	30.4	32.4	32.7	34.5	36.2	36.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2
GE 16000		23.7	26.2	30.4	32.4	32.7	34.5	36.2	36.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2
GE 14000		23.7	26.2	30.4	32.4	32.7	34.5	36.2	36.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2
GE 12000		23.8	26.3	30.5	32.5	32.8	34.6	36.3	36.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3
GE 10000		25.5	28.7	32.7	34.7	35.0	36.8	38.5	38.5	40.1	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2
GE 9000		26.1	28.8	32.8	34.8	35.1	36.9	38.6	38.6	40.2	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3
GE 8000		30.7	35.6	41.1	44.1	44.4	46.2	47.9	47.9	50.1	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
GE 7000		33.7	36.6	42.3	45.3	45.6	47.4	49.1	49.1	51.3	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
GE 6000		34.1	37.6	43.4	46.4	46.7	48.5	50.2	50.2	52.4	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
GE 5000		36.2	40.2	46.7	50.2	50.5	52.3	54.0	54.0	56.2	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
GE 4500		40.0	44.3	51.2	54.6	54.9	56.7	58.4	58.4	60.6	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
GE 4000		46.6	51.3	59.3	63.0	63.3	65.1	66.8	66.8	69.0	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
GE 3500		50.2	55.2	63.3	67.3	67.6	69.4	71.1	71.1	73.3	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
GE 3000		52.3	57.5	66.5	70.5	70.8	72.6	74.3	74.3	76.5	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
GE 2500		52.7	57.9	67.0	71.0	71.3	73.1	74.8	74.8	77.0	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
GE 2000		54.7	60.3	70.2	74.2	74.5	76.3	78.0	78.0	80.2	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE 1800		54.8	60.5	70.7	74.7	75.0	76.8	78.5	78.5	80.7	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 1600		56.5	62.3	73.2	77.2	77.5	79.3	81.0	81.0	83.2	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
GE 1400		57.6	63.5	74.5	78.5	78.8	80.6	82.3	82.3	84.5	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 1200		57.7	63.6	74.6	78.6	78.9	80.7	82.4	82.4	84.6	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
GE 1000		58.1	64.0	75.0	79.0	79.3	81.1	82.8	82.8	85.0	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 900		58.1	64.1	75.0	79.0	79.3	81.1	82.8	82.8	85.0	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 800		58.1	64.1	75.0	79.0	79.3	81.1	82.8	82.8	85.0	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 700		58.1	64.1	75.0	79.0	79.3	81.1	82.8	82.8	85.0	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 600		58.2	64.4	75.1	79.1	79.4	81.2	82.9	82.9	85.1	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
GE 500		58.3	65.1	75.8	79.8	80.1	81.9	83.6	83.6	85.8	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 400		58.3	65.1	75.8	79.8	80.1	81.9	83.6	83.6	85.8	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 300		58.3	65.1	75.8	79.8	80.1	81.9	83.6	83.6	85.8	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 200		58.3	65.1	75.8	79.8	80.1	81.9	83.6	83.6	85.8	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 100		58.3	65.1	75.8	79.8	80.1	81.9	83.6	83.6	85.8	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE	CI	58.3	65.1	75.8	79.8	80.1	81.9	83.6	83.6	85.8	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2

TOTAL NUMBER OF OBSERVATIONS: 928

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035833 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 78-87  
MONTH: AUG HOURS(LST): 0700-1100

CEILING		VISIBILITY IN HUNDREDS OF METERS																
IN FEET		1	GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	1		72.3	23.9	26.3	26.9	27.1	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5
GE 20000	1		25.9	27.7	30.6	31.5	31.8	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2
GE 18000	1		26.3	28.1	31.0	31.6	32.2	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6
GE 16000	1		26.3	28.1	31.0	31.6	32.2	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6
GE 14000	1		26.3	28.1	31.0	31.6	32.2	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6
GE 12000	1		26.4	28.2	31.4	32.3	32.7	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1
GE 10000	1		29.0	30.9	34.0	35.0	35.3	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7
GE 9000	1		30.0	32.0	35.7	36.7	37.0	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4
GE 8000	1		36.1	38.7	42.6	43.5	43.9	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6
GE 7000	1		36.9	39.6	43.4	44.4	44.8	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5
GE 6000	1		37.0	39.7	43.5	44.5	44.9	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
GE 5000	1		40.5	43.5	47.6	48.7	49.1	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
GE 4500	1		44.9	48.1	52.6	53.7	54.0	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
GE 4000	1		53.2	56.7	61.4	62.5	62.8	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
GE 3500	1		59.8	63.6	68.3	69.4	69.7	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
GE 3000	1		68.2	72.0	77.1	78.4	78.8	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
GE 2500	1		70.1	73.9	79.4	80.7	81.1	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
GE 2000	1		74.5	78.8	84.7	86.2	86.6	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
GE 1800	1		75.4	79.6	85.5	87.2	87.6	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 1500	1		78.0	82.8	88.9	91.1	91.4	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 1200	1		79.6	84.9	91.2	93.5	94.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 1000	1		80.0	85.3	92.0	94.3	95.1	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 900	1		80.0	85.3	92.0	94.3	95.1	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 800	1		80.1	85.5	92.4	94.8	95.5	96.7	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 700	1		80.2	85.6	92.6	95.1	95.8	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 600	1		80.5	86.0	93.1	95.7	96.4	97.7	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 500	1		80.5	86.0	93.1	95.7	96.4	97.7	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 400	1		80.5	86.0	93.1	95.7	96.4	97.7	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 300	1		80.5	86.0	93.1	95.7	96.4	97.7	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 200	1		80.5	86.0	93.1	95.7	96.4	97.7	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 100	1		80.5	86.0	93.1	95.7	96.4	97.7	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 0	1		80.5	86.0	93.1	95.7	96.4	97.7	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2

TOTAL NUMBER OF OBSERVATIONS: 829

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035933 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 74-YR

MONTH: AUG HOURS/DAY: 1700-1900

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS																
	GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 6	GE 4	GE 3	GE 2
NO CEIL		20.5	21.7	23.6	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7
GE 2000	19.5	31.0	33.5	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7
GE 1800	29.6	31.2	33.6	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8
GE 1600	29.6	31.2	33.6	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8
GE 1400	29.8	31.4	33.8	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1
GE 1200	30.2	31.8	34.3	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5
GE 1000	32.3	34.1	36.6	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8
GE 900	32.9	34.7	37.7	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9
GE 800	36.9	38.9	42.1	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5
GE 700	37.4	39.4	42.6	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0
GE 600	37.7	39.6	42.8	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
GE 500	40.4	42.4	45.6	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
GE 450	46.6	48.6	52.0	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
GE 400	56.2	58.2	61.9	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
GE 350	67.4	69.7	73.4	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
GE 300	76.0	80.5	84.4	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
GE 250	82.1	84.6	88.4	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 200	85.4	88.2	92.5	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 180	85.8	88.6	93.1	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 150	87.0	91.3	94.7	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 120	88.3	91.5	96.4	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 100	88.6	91.7	96.6	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 90	88.8	92.2	97.2	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 80	88.9	92.4	97.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 70	88.9	92.4	97.8	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 60	88.9	92.4	97.8	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 50	88.9	92.4	97.8	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 40	88.9	92.4	97.8	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 30	88.9	92.4	97.8	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 20	88.9	92.4	97.8	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 10	88.9	92.4	97.8	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 0	88.9	92.4	97.8	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS: 431

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM FOURTY OBSERVATIONS

STATION NUMBER: 018733 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 76-87

MONTH: AUG

HOURS(EST): 1500-1700

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
NO CEIL	1	23.1	24.7	25.6	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4
GE 20000		32.6	34.4	34.9	36.6	36.0	36.7	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0
GE 18000		33.0	35.1	36.2	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4
GE 16000		33.0	35.1	36.2	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4
GE 14000		33.0	35.1	36.2	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4
GE 12000		33.6	35.7	36.6	37.1	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0
GE 10000		36.1	38.5	39.7	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9
GE 9000		36.9	39.3	40.5	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6
GE 8000		41.1	44.0	45.4	45.5	45.5	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
GE 7000		41.9	45.1	46.5	46.6	46.6	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7
GE 6000		41.9	45.1	46.5	46.6	46.6	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7
GE 5000		46.9	50.1	52.1	52.7	52.3	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
GE 4000		55.3	59.4	60.9	61.1	61.1	61.5	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
GE 3000		67.8	71.5	72.8	74.0	74.0	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
GE 2000		76.6	80.4	82.7	83.2	83.2	83.5	83.5	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 1800		82.1	86.4	89.0	89.5	89.5	90.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 1600		84.3	89.0	92.0	92.6	92.6	93.4	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
GE 1400		86.1	90.7	94.2	94.6	94.6	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 1200		88.2	92.9	96.3	96.9	96.9	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 1000		87.4	92.4	95.4	96.5	96.5	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 900		85.2	90.4	93.0	93.6	93.6	94.3	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 800		88.2	93.6	97.2	97.6	97.6	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 700		88.2	93.6	97.2	97.6	97.6	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 600		88.3	93.6	97.2	97.6	97.6	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 500		88.3	93.6	97.2	97.6	97.6	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 400		88.3	93.6	97.2	97.6	97.6	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 300		88.3	93.6	97.2	97.6	97.6	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 200		88.3	93.6	97.2	97.6	97.6	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 100		88.3	93.6	97.2	97.6	97.6	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 0		88.3	93.6	97.2	97.6	97.6	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9

TOTAL NUMBER OF OBSERVATIONS: 928

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 015P31 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 78-07-04-07  
MONTH: AUG HOURS(EST): 14,0000

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	1 100	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 6	GE 4	GE 3
NO CEIL	1	28.6	29.8	32.0	32.0	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4
GE 20000		35.8	37.5	40.1	40.6	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8
GE 18000		36.4	38.1	40.6	41.2	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
GE 16000		36.4	38.1	40.6	41.2	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
GE 14000		36.4	38.2	40.9	41.4	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5
GE 12000		37.2	39.1	41.7	42.2	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
GE 10000		41.6	43.7	46.7	47.2	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
GE 9000		42.0	44.0	47.2	47.7	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
GE 8000		47.4	50.0	53.3	53.8	53.9	53.9	54.0	54.0	54.1	54.1	54.1	54.1	54.1	54.1	54.1
GE 7000		48.2	51.0	54.3	54.7	54.9	54.9	55.0	55.0	55.1	55.1	55.1	55.1	55.1	55.1	55.1
GE 6000		48.3	51.1	54.4	54.9	55.0	55.0	55.1	55.1	55.2	55.2	55.2	55.2	55.2	55.2	55.2
GE 5000		53.0	56.3	60.0	60.6	60.7	60.7	60.9	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3
GE 4000		60.6	64.5	68.4	69.0	69.1	69.1	69.3	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7
GE 3000		68.9	73.7	78.1	79.0	79.1	79.2	79.4	79.7	79.9	79.9	79.9	79.9	79.9	79.9	79.9
GE 2000		74.6	80.4	85.0	85.9	86.0	86.1	86.4	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 1000		78.0	83.9	89.4	90.3	90.4	90.6	91.0	91.2	91.5	91.5	91.5	91.5	91.5	91.5	91.5
GE 2000		79.7	85.8	91.0	92.1	92.2	92.6	92.8	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 1800		80.3	87.2	92.7	93.6	93.7	94.4	94.6	94.8	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 1600		80.7	87.6	93.1	94.2	94.3	94.6	94.8	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 1400		81.6	88.7	94.2	95.3	95.4	95.9	96.1	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 1200		82.1	89.5	95.3	96.4	96.5	97.0	97.2	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 1000		82.1	89.5	95.3	96.4	96.5	97.0	97.4	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 900		82.1	89.5	95.3	96.4	96.5	97.0	97.4	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 800		82.1	89.5	95.3	96.4	96.5	97.0	97.4	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 700		82.1	89.5	95.3	96.4	96.5	97.0	97.4	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 600		82.1	89.5	95.3	96.4	96.5	97.0	97.4	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 500		82.1	89.5	95.3	96.4	96.5	97.0	97.4	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 400		82.1	89.5	95.3	96.4	96.5	97.0	97.4	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 300		82.1	89.5	95.3	96.4	96.5	97.0	97.4	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 200		82.1	89.5	95.3	96.4	96.5	97.0	97.4	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 100		82.1	89.5	95.3	96.4	96.5	97.0	97.4	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 0		82.1	89.5	95.3	96.4	96.5	97.0	97.4	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9

TOTAL NUMBER OF OBSERVATIONS: 400



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035833 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 75-87, 94-97

MONTH: AUG HOURS(EST): 1200-2300

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GE 160	GE 90	GE 80	GE 60	GE 40	GE 30	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 6	GE 4	GE 3	GE 2
NO CEIL	1	35.4	39.2	40.4	41.5	41.7	42.1	42.2	42.2	42.2	42.4	42.4	42.5	42.5	42.5	42.5
GE 20000		40.0	44.5	46.1	47.6	47.8	48.7	48.4	48.4	48.4	48.5	48.5	48.7	48.7	48.7	48.7
GE 18000		40.3	44.8	46.4	47.8	48.1	48.5	48.7	48.7	48.7	48.8	48.8	48.9	48.9	48.9	48.9
GE 16000		40.3	44.8	46.4	47.8	48.1	48.5	48.7	48.7	48.7	48.8	48.8	48.9	48.9	48.9	48.9
GE 14000		40.3	44.8	46.4	47.8	48.1	48.5	48.7	48.7	48.7	48.8	48.8	48.9	48.9	48.9	48.9
GE 12000		40.7	45.1	46.7	48.2	48.4	48.9	49.0	49.0	49.0	49.2	49.2	49.3	49.3	49.3	49.3
GE 10000		42.7	47.6	49.4	50.8	51.1	51.6	51.7	51.7	51.7	51.8	51.8	51.9	51.9	51.9	51.9
GE 9000		43.3	48.2	50.0	51.7	51.9	52.4	52.5	52.5	52.5	52.7	52.7	52.8	52.8	52.8	52.8
GE 8000		46.1	53.6	55.7	57.4	57.6	58.1	58.5	58.5	58.5	58.6	58.7	58.7	58.7	58.7	58.7
GE 7000		49.3	55.0	56.9	58.6	58.9	59.3	59.7	59.7	59.7	59.8	59.8	60.0	60.1	60.1	60.1
GE 6000		49.3	55.0	56.9	58.6	58.9	59.3	59.7	59.7	59.7	59.8	59.8	60.0	60.1	60.1	60.1
GE 5000		52.7	58.5	60.4	62.6	62.9	63.3	63.8	63.8	63.8	64.0	64.1	64.2	64.2	64.2	64.2
GE 4500		57.8	64.3	66.4	68.6	68.8	69.3	69.6	69.9	69.9	70.0	70.1	70.3	70.3	70.3	70.3
GE 4000		66.5	75.2	78.3	80.5	80.7	81.2	81.7	81.7	81.8	81.9	82.0	82.2	82.2	82.2	82.2
GE 3500		70.9	80.1	83.3	85.4	85.7	86.2	86.7	86.7	86.8	86.9	87.0	87.1	87.1	87.1	87.1
GE 3000		72.9	82.5	85.0	88.5	88.7	89.2	89.7	89.7	89.8	89.9	90.0	90.2	90.2	90.2	90.2
GE 2500		73.5	83.7	87.6	90.2	90.4	90.9	91.4	91.4	91.5	91.6	91.7	91.9	91.9	91.9	91.9
GE 2000		75.7	86.0	90.0	92.6	92.8	93.3	94.1	94.2	94.3	94.4	94.5	94.7	94.7	94.7	94.7
GE 1800		76.8	86.2	90.3	92.8	93.1	93.6	94.3	94.4	94.5	94.7	94.8	94.9	94.9	94.9	94.9
GE 1500		76.2	86.5	90.7	93.3	93.6	94.1	94.8	94.9	95.0	95.1	95.3	95.5	95.5	95.5	95.5
GE 1200		77.1	87.9	92.1	94.8	95.0	95.5	96.4	96.5	96.6	96.7	96.9	97.1	97.1	97.1	97.1
GE 1000		77.2	88.0	92.0	95.4	95.6	96.2	97.3	97.5	97.6	97.7	97.8	98.1	98.1	98.1	98.1
GE 900		77.4	88.2	92.0	95.6	95.9	96.5	97.6	97.7	97.8	97.9	98.1	98.3	98.3	98.3	98.3
GE 800		77.4	88.2	93.1	95.9	96.1	96.7	97.8	97.9	98.1	98.2	98.3	98.5	98.5	98.5	98.5
GE 700		77.4	88.3	93.2	96.1	96.4	97.1	98.4	98.5	98.7	98.8	98.9	99.2	99.2	99.2	99.2
GE 600		77.4	88.3	93.2	96.1	96.4	97.3	98.4	98.5	98.7	98.8	98.9	99.2	99.2	99.2	99.2
GE 500		77.4	88.6	93.4	96.4	96.6	97.6	98.8	98.9	99.0	99.2	99.3	99.5	99.5	99.5	99.5
GE 400		77.4	88.6	93.4	96.4	96.6	97.6	98.8	98.9	99.0	99.2	99.3	99.5	99.5	99.5	99.5
GE 300		77.4	88.6	93.4	96.4	96.6	97.6	98.8	98.9	99.0	99.2	99.3	99.5	99.5	99.5	99.5
GE 200		77.4	88.6	93.4	96.4	96.6	97.6	98.8	98.9	99.0	99.2	99.3	99.5	99.5	99.5	99.5
GE 100		77.4	88.6	93.4	96.4	96.6	97.6	98.8	98.9	99.0	99.2	99.3	99.5	99.5	99.5	99.5
GE	0	77.4	88.6	93.4	96.4	96.6	97.6	98.8	98.9	99.0	99.2	99.3	99.5	99.5	99.5	99.5

TOTAL NUMBER OF OBSERVATIONS: 924

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035933 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 70-67  
MONTH: ALL HOURS(IST): ALL

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	GT	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET	1	160	90	80	60	48	40	32	24	20	16	12	10	8	5	4	0
NO CEIL	1	16.0	28.0	70.4	31.4	31.5	32.4	33.0	33.1	33.3	33.4	33.4	33.5	33.5	33.6	33.6	
GE 20000		31.3	33.7	36.6	37.9	38.0	39.0	39.6	39.8	40.0	40.1	40.1	40.1	40.2	40.2	40.2	
GE 18000		31.5	34.0	36.9	38.1	38.3	39.3	39.9	40.0	40.3	40.3	40.4	40.4	40.4	40.5	40.5	
GE 16000		31.5	34.0	36.9	38.1	38.3	39.3	39.9	40.0	40.3	40.3	40.4	40.4	40.5	40.5	40.5	
GE 14000		31.5	34.0	36.9	38.2	38.3	39.3	40.0	40.1	40.3	40.4	40.4	40.5	40.5	40.5	40.5	
GE 12000		31.8	34.3	37.2	39.5	38.7	39.7	40.3	40.5	40.7	40.8	40.8	40.9	40.9	41.0	41.0	
GE 10000		33.9	36.6	39.6	41.1	41.4	42.5	43.1	43.2	43.4	43.5	43.6	43.6	43.7	43.7	43.7	
GE 9000		34.5	37.1	40.5	41.9	42.1	43.2	43.9	44.0	44.2	44.3	44.3	44.4	44.4	44.5	44.5	
GE 8000		35.7	42.9	46.4	48.0	48.3	49.5	50.3	50.4	50.7	50.9	50.9	50.9	51.0	51.1	51.1	
GE 7000		40.4	43.6	47.3	48.9	49.1	50.4	51.1	51.3	51.6	51.7	51.8	51.8	51.9	52.0	52.0	
GE 6000		40.7	44.0	47.7	49.3	49.6	50.8	51.6	51.7	52.0	52.2	52.2	52.2	52.3	52.4	52.4	
GE 5000		43.8	47.4	51.4	53.1	53.3	54.7	55.5	55.7	56.0	56.2	56.2	56.2	56.3	56.4	56.4	
GE 4500		49.3	53.3	57.6	59.4	59.7	61.0	61.9	62.1	62.4	62.6	62.6	62.6	62.7	62.8	62.8	
GE 4000		57.8	62.5	67.4	69.2	69.5	71.0	71.8	72.0	72.4	72.6	72.6	72.7	72.8	72.9	73.1	
GE 3500		63.7	68.8	73.6	75.7	76.0	77.5	78.4	78.6	79.0	79.1	79.2	79.2	79.3	79.4	79.7	
GE 3000		68.3	73.7	79.2	81.3	81.6	83.1	84.1	84.3	84.8	84.9	85.0	85.0	85.1	85.2	85.5	
GE 2500		69.9	75.5	81.2	83.5	83.7	85.3	86.3	86.5	87.0	87.1	87.2	87.2	87.3	87.4	87.7	
GE 2000		72.0	77.9	83.9	86.4	86.7	88.3	89.3	89.5	90.0	90.1	90.2	90.3	90.4	90.5	90.5	
GE 1800		72.4	78.3	84.4	86.9	87.2	88.8	89.8	90.1	90.5	90.7	90.8	90.8	90.9	91.0	91.1	
GE 1500		73.8	79.8	86.1	88.8	89.1	90.8	91.8	92.1	92.6	92.7	92.8	92.9	93.0	93.1	93.4	
GE 1200		74.6	80.9	87.4	90.1	90.5	92.2	93.4	93.7	94.1	94.3	94.3	94.4	94.5	94.7	94.9	
GE 1000		74.7	81.2	87.6	90.6	90.9	92.8	94.1	94.3	94.8	95.0	95.0	95.1	95.2	95.3	95.5	
GE 900		74.9	81.4	88.0	90.8	91.2	93.1	94.4	94.7	95.1	95.3	95.4	95.4	95.5	95.7	96.0	
GE 800		74.9	81.5	88.3	91.3	91.7	93.6	94.9	95.2	95.7	95.9	95.9	96.0	96.1	96.2	96.5	
GE 700		75.0	81.7	88.6	91.7	92.1	94.2	95.6	95.9	96.4	96.5	96.6	96.7	96.8	96.9	97.2	
GE 600		75.1	81.8	88.8	91.9	92.4	94.5	96.0	96.3	96.7	96.8	96.9	97.0	97.1	97.2	97.7	
GE 500		75.1	81.9	89.0	92.2	92.7	94.9	96.6	96.9	97.0	97.7	97.8	97.9	98.0	98.1	98.4	
GE 400		75.1	81.9	89.0	92.3	92.8	95.1	96.8	97.2	97.9	98.7	98.1	98.2	98.3	98.4	98.5	
GE 300		75.1	81.9	89.0	92.3	92.8	95.1	96.9	97.3	98.1	98.3	98.4	98.5	98.6	98.7	98.8	
GE 200		75.1	81.9	89.0	92.3	92.8	95.1	96.9	97.3	98.1	98.3	98.4	98.5	98.6	98.7	98.8	
GE 100		75.1	81.9	89.0	92.3	92.8	95.1	96.9	97.3	98.1	98.4	98.4	98.5	98.6	98.7	98.8	
GE 0		75.1	81.9	89.0	92.3	92.8	95.1	96.9	97.3	98.1	98.4	98.4	98.5	98.6	98.7	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 66.6

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 015833 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 78-87  
MONTH: SEP HOURS (LST): 0000-0400

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN FEET	GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 3	
NO CEIL		35.9	39.7	44.1	46.0	47.0	48.8	49.1	49.6	50.2	50.5	51.0	51.1	51.2	51.2	51.2	
GE 20000		36.8	43.3	48.7	50.7	51.7	53.6	54.1	54.4	55.1	55.4	55.9	56.0	56.4	56.4	56.4	
GE 18000		36.9	43.4	48.8	50.9	51.8	53.7	54.2	54.5	55.2	55.6	56.0	56.1	56.5	56.5	56.5	
GE 16000		36.9	43.4	48.8	50.9	51.8	53.7	54.2	54.5	55.2	55.6	56.0	56.1	56.5	56.5	56.5	
GE 14000		39.2	43.6	49.0	51.1	52.0	54.0	54.4	54.8	55.4	55.8	56.2	56.4	56.7	56.7	56.7	
GE 12000		39.3	44.1	49.5	51.5	52.5	54.4	54.9	55.2	55.9	56.2	56.7	56.8	57.2	57.2	57.2	
GE 10000		40.2	45.2	50.9	52.9	53.8	56.0	56.6	56.9	57.6	58.0	58.4	58.5	58.9	59.0	59.0	
GE 9000		41.0	46.0	51.7	53.7	54.6	56.9	57.5	57.8	58.5	58.9	59.3	59.5	59.8	59.9	59.9	
GE 8000		44.8	50.5	56.5	59.0	59.9	62.4	63.0	63.3	64.0	64.4	64.8	64.9	65.3	65.4	65.4	
GE 7000		45.0	50.7	56.7	59.2	60.1	62.7	63.2	63.6	64.3	64.6	65.1	65.2	65.5	65.6	65.6	
GE 6000		45.1	50.9	57.2	59.7	60.6	63.1	63.7	64.0	64.7	65.1	65.5	65.6	66.0	66.1	66.1	
GE 5000		48.3	54.4	60.9	63.6	64.5	67.0	67.6	67.9	68.6	69.0	69.4	69.5	69.9	70.0	70.0	
GE 4500		52.5	59.0	66.0	68.7	69.6	72.3	73.0	73.3	74.0	74.3	74.8	74.9	75.3	75.4	75.4	
GE 4000		56.5	65.3	72.9	75.7	76.6	79.3	80.1	80.4	81.2	81.6	82.0	82.1	82.5	82.6	82.6	
GE 3500		60.9	67.7	75.5	78.4	79.3	81.9	83.0	83.4	84.2	84.5	85.0	85.1	85.5	85.6	85.6	
GE 3000		63.5	70.2	78.6	81.4	82.4	85.0	86.4	86.9	87.7	88.1	88.5	88.7	89.0	89.1	89.1	
GE 2500		63.9	71.2	79.6	82.5	83.4	86.1	87.5	88.1	88.9	89.2	89.7	89.8	90.1	90.3	90.3	
GE 2000		64.5	71.9	80.5	83.7	84.7	87.4	88.8	89.3	90.1	90.5	91.0	91.1	91.4	91.5	91.5	
GE 1800		64.6	72.1	80.6	83.8	84.8	87.5	88.9	89.5	90.3	90.6	91.1	91.2	91.5	91.6	91.6	
GE 1600		65.1	73.0	82.0	85.2	86.1	88.9	90.3	90.8	91.6	92.0	92.6	92.7	93.0	93.1	93.1	
GE 1400		66.0	73.9	83.0	86.3	87.2	89.9	91.3	92.0	92.6	93.1	93.7	93.8	94.2	94.3	94.3	
GE 1200		66.0	73.9	83.0	86.3	87.2	89.9	91.3	92.0	92.6	93.1	93.7	93.8	94.2	94.3	94.3	
GE 1000		66.0	73.9	83.0	86.3	87.2	89.9	91.3	92.0	92.6	93.1	93.7	93.8	94.2	94.3	94.3	
GE 900		66.1	74.0	83.3	87.2	88.2	91.2	92.6	93.2	94.2	94.5	95.2	95.3	95.6	95.8	95.8	
GE 800		66.2	74.1	83.4	87.4	88.4	91.4	92.8	93.5	94.4	94.7	95.4	95.5	95.9	96.0	96.0	
GE 700		66.2	74.1	83.8	88.1	89.5	92.6	93.9	94.6	95.5	95.9	96.6	96.7	97.0	97.1	97.1	
GE 600		66.2	74.1	84.0	88.3	89.7	92.8	94.2	94.8	95.8	96.1	96.8	96.9	97.3	97.4	97.4	
GE 500		66.2	74.1	84.0	88.3	89.7	92.8	94.2	94.8	95.8	96.1	96.8	96.9	97.3	97.4	97.4	
GE 400		66.2	74.1	84.0	88.3	89.7	92.8	94.2	94.8	95.8	96.1	96.8	96.9	97.3	97.4	97.4	
GE 300		66.2	74.1	84.0	88.3	89.7	92.8	94.2	94.8	95.8	96.1	96.8	96.9	97.3	97.4	97.4	
GE 200		66.2	74.1	84.0	88.3	89.7	92.8	94.2	94.8	95.8	96.1	96.8	96.9	97.3	97.4	97.4	
GE 100		66.2	74.1	84.0	88.3	89.7	92.8	94.2	94.8	95.8	96.1	96.8	96.9	97.3	97.4	97.4	
GE 0		66.2	74.1	84.0	88.3	89.7	92.8	94.2	94.8	95.8	96.1	96.8	96.9	97.3	97.4	100.0	

TOTAL NUMBER OF OBSERVATIONS: 277

GLOBAL CLIMATOLOGY BRANCH  
LSAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035933 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 78-P7

MONTH: SEP HOURS (LST): 0700-0100

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL		27.7	32.1	35.9	38.7	39.3	41.1	43.1	43.2	43.4	43.9	44.2	44.8	45.6	45.7	46.4
GE 20000		11.0	36.1	40.4	43.4	44.0	45.9	48.0	48.1	48.6	49.0	49.4	49.9	50.7	50.9	52.0
GE 18000		11.0	36.1	40.4	43.4	44.0	45.9	48.0	48.1	48.6	49.0	49.4	49.9	50.7	50.9	52.0
GE 16000		11.0	36.1	40.4	43.4	44.0	45.9	48.0	48.1	48.6	49.0	49.4	49.9	50.7	50.9	52.0
GE 14000		11.0	36.1	40.4	43.4	44.0	45.9	48.0	48.1	48.6	49.0	49.4	49.9	50.7	50.9	52.0
GE 12000		11.3	36.3	40.6	43.8	44.3	46.3	48.3	48.5	48.9	49.4	49.7	50.3	51.1	51.2	52.3
GE 10000		12.2	37.3	41.8	44.9	45.5	47.7	49.7	49.9	50.3	50.7	51.1	51.7	52.5	52.6	53.7
GE 9000		12.8	38.1	42.6	45.7	46.3	48.5	50.5	50.6	51.1	51.5	51.9	52.5	53.3	53.4	54.5
GE 8000		15.6	41.7	46.8	50.1	50.6	53.4	55.4	55.6	56.0	56.5	56.8	57.4	58.2	58.3	59.5
GE 7000		15.7	41.9	47.2	50.4	51.0	53.7	55.8	55.9	56.4	56.8	57.2	57.7	58.5	58.6	59.8
GE 6000		15.7	41.9	47.3	50.5	51.1	53.8	55.9	56.0	56.5	56.9	57.3	57.8	58.6	58.8	59.9
GE 5000		18.4	45.1	51.2	54.6	55.2	58.0	60.0	60.1	60.6	61.1	61.4	62.0	62.8	62.9	64.0
GE 4500		43.4	50.6	57.0	61.2	61.9	65.1	67.4	67.5	67.9	68.4	68.7	69.3	70.1	70.2	71.4
GE 4000		47.9	55.6	62.4	67.0	67.8	71.2	73.5	73.7	74.1	74.6	74.9	75.5	76.3	76.4	77.5
GE 3500		51.2	59.1	66.1	70.8	71.6	75.4	78.0	78.1	78.7	79.2	79.5	80.1	80.9	81.0	82.1
GE 3000		52.8	61.2	68.3	73.4	74.1	78.1	80.8	81.0	81.6	82.0	82.4	82.9	83.7	83.8	85.0
GE 2500		54.0	62.5	69.6	74.9	75.8	79.7	82.4	82.6	83.0	83.6	84.0	84.5	85.3	85.5	86.6
GE 2000		57.0	65.6	72.9	78.2	79.2	83.4	86.0	86.2	86.8	87.3	87.6	88.2	89.0	89.1	90.3
GE 1800		57.3	65.9	73.1	78.5	79.4	83.6	86.3	86.5	87.1	87.5	87.9	88.4	89.2	89.3	90.5
GE 1500		57.7	66.3	73.7	79.0	80.0	84.2	86.8	87.1	87.6	88.1	88.5	89.1	89.9	90.0	91.2
GE 1200		58.6	67.2	74.7	80.3	81.2	85.5	88.2	88.4	89.0	89.6	90.0	90.6	91.4	91.5	92.7
GE 1000		58.9	67.5	75.1	80.9	81.9	86.1	89.2	89.5	90.4	91.1	91.5	92.1	92.9	93.0	94.2
GE 900		58.9	67.6	75.3	81.0	82.0	86.4	89.6	89.8	90.7	91.4	91.9	92.4	93.2	93.4	94.5
GE 800		58.9	67.6	75.5	81.2	82.2	86.6	89.9	90.1	91.2	91.9	92.3	92.9	93.7	93.8	95.0
GE 700		59.0	67.6	75.9	82.0	83.0	87.5	90.8	91.2	92.3	93.0	93.5	94.0	94.8	95.0	96.1
GE 600		59.0	67.8	75.9	82.1	83.2	87.6	91.3	91.6	92.8	93.5	93.9	94.5	95.3	95.4	96.6
GE 500		59.0	67.8	76.1	82.2	83.3	88.0	91.6	92.1	93.2	94.0	94.5	95.1	95.9	96.0	97.1
GE 400		59.0	67.8	76.1	82.2	83.3	88.0	91.9	92.4	93.7	94.5	95.0	95.6	96.4	96.6	97.7
GE 300		59.0	67.8	76.2	82.4	83.4	88.1	92.0	92.6	93.9	94.7	95.2	96.0	96.8	96.9	98.1
GE 200		59.0	67.8	76.2	82.4	83.4	88.1	92.0	92.6	93.9	94.8	95.3	96.2	97.1	97.3	98.4
GE 100		59.0	67.8	76.2	82.4	83.4	88.1	92.0	92.6	93.9	94.8	95.3	96.2	97.1	97.4	98.0
GE CI		59.0	67.8	76.2	82.4	83.4	88.1	92.0	92.6	93.4	94.8	95.3	96.2	97.1	97.4	100.0

TOTAL NUMBER OF OBSERVATIONS: 873

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 78-87  
MONTH: SEP HOURS(LST): 0600-0600

TOTAL NUMBER OF OBSERVATIONS: 281

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 015833 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 78-87  
MONTH: SEP HOURS(IST): 0900-1400

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	1	6	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
	1	6	90	80	60	48	40	32	24	20	16	12	10	8	6	4
NO CEIL	1		25.7	26.9	29.4	31.0	31.0	31.3	32.0	32.1	32.9	33.0	33.0	33.0	33.0	33.1
GE 20000			34.7	36.5	40.7	42.5	42.5	43.0	43.7	43.9	44.8	44.9	44.9	44.9	44.9	45.1
GE 18000			34.8	36.6	40.8	42.6	42.6	43.1	43.8	44.0	44.9	45.1	45.1	45.1	45.1	45.2
GE 16000			34.8	36.6	40.8	42.6	42.6	43.1	43.8	44.0	44.9	45.1	45.1	45.1	45.1	45.2
GE 14000			34.8	36.6	40.8	42.6	42.6	43.1	43.8	44.0	44.9	45.1	45.1	45.1	45.1	45.2
GE 12000			35.1	36.9	41.0	42.6	42.6	43.4	44.0	44.3	45.2	45.3	45.3	45.3	45.3	45.4
GE 10000			37.2	39.3	43.8	45.7	45.8	46.5	47.3	47.5	48.4	48.5	48.5	48.5	48.5	48.7
GE 9000			37.4	39.6	44.0	46.1	46.2	46.9	47.6	47.9	48.8	48.9	48.9	48.9	48.9	49.0
GE 8000			43.1	45.8	51.1	53.6	53.7	54.4	55.2	55.4	56.3	56.4	56.4	56.4	56.4	56.5
GE 7000			43.8	46.6	52.0	54.5	54.7	55.4	56.2	56.4	57.3	57.4	57.4	57.4	57.4	57.5
GE 6000			43.8	46.7	52.4	54.8	55.1	55.7	56.5	56.7	57.6	57.8	57.8	57.8	57.8	57.9
GE 5000			46.0	49.1	54.9	57.5	57.9	58.5	59.3	59.6	60.4	60.6	60.6	60.6	60.6	60.7
GE 4500			50.7	54.0	60.0	62.7	63.1	63.8	64.6	64.8	65.7	65.8	65.8	65.8	65.8	66.0
GE 4000			55.7	59.1	65.2	68.0	68.4	69.0	70.1	70.3	71.2	71.3	71.3	71.3	71.3	71.5
GE 3500			59.2	62.4	69.3	72.1	72.6	73.4	74.3	74.5	75.4	75.6	75.6	75.6	75.6	75.7
GE 3000			65.4	69.7	76.4	79.3	79.6	80.5	81.5	81.7	82.6	82.7	82.7	82.7	82.7	83.1
GE 2500			67.6	72.2	79.2	82.1	82.6	83.6	84.4	84.6	85.5	85.7	85.7	85.7	85.7	86.1
GE 2000			70.1	75.2	82.2	85.2	85.6	86.5	87.4	87.6	88.5	88.7	88.7	88.7	88.7	89.3
GE 1800			70.6	75.6	82.7	85.6	86.1	87.1	88.4	88.6	89.4	89.6	89.6	89.6	89.6	90.1
GE 1500			71.8	77.3	84.6	87.6	88.2	89.3	90.6	90.8	91.7	91.9	91.9	91.9	91.9	92.6
GE 1200			72.2	78.4	86.0	89.3	89.9	91.1	92.6	92.8	93.7	93.9	93.9	93.9	93.9	94.7
GE 1000			72.5	79.1	87.1	90.7	91.2	92.7	94.2	94.4	95.3	95.5	95.5	95.5	95.5	96.3
GE 900			72.6	79.2	87.2	90.8	91.5	92.9	94.4	94.6	95.5	95.7	95.7	95.7	95.7	96.5
GE 800			72.6	79.3	87.4	91.0	91.7	93.1	94.7	94.9	95.8	96.0	96.0	96.0	96.0	96.9
GE 700			72.6	79.3	87.5	91.5	92.1	93.4	95.0	95.2	96.1	96.3	96.3	96.3	96.3	97.6
GE 600			72.6	79.3	87.5	91.6	92.2	93.4	95.0	95.2	96.1	96.3	96.3	96.3	96.3	97.6
GE 500			72.6	79.3	87.5	91.6	92.2	93.4	95.0	95.2	96.1	96.3	96.3	96.3	96.3	97.6
GE 400			72.6	79.3	87.5	91.6	92.2	93.4	95.0	95.2	96.1	96.3	96.3	96.3	96.3	97.6
GE 300			72.6	79.3	87.5	91.6	92.2	93.4	95.0	95.2	96.1	96.3	96.3	96.3	96.3	97.6
GE 200			72.6	79.3	87.5	91.6	92.2	93.4	95.0	95.2	96.1	96.3	96.3	96.3	96.3	97.6
GE 100			72.6	79.3	87.5	91.6	92.2	93.4	95.0	95.2	96.1	96.3	96.3	96.3	96.3	97.6
GE 01			72.6	79.3	87.5	91.6	92.2	93.4	95.0	95.2	96.1	96.3	96.3	96.3	96.3	100.0

TOTAL NUMBER OF OBSERVATIONS: 890

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035833 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 78-87  
MONTH: SEP HOURS(IST): 1200-1400

CEILING IN FEET	GT 160	VISIBILITY IN HUNDREDS OF METERS														
		GE 90	GE 90	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	1	25.8	27.4	29.2	30.0	30.1	30.4	30.5	30.6	30.9	30.9	30.9	30.9	30.9	30.9	30.9
GE 20000		35.4	37.4	39.4	40.4	40.5	41.0	41.1	41.2	41.4	41.4	41.4	41.4	41.4	41.4	41.4
GE 18000		35.7	37.7	39.7	40.7	40.9	41.3	41.4	41.5	41.8	41.8	41.8	41.8	41.8	41.8	41.8
GE 16000		35.7	37.7	39.7	40.7	40.9	41.3	41.4	41.5	41.8	41.8	41.8	41.8	41.8	41.8	41.8
GE 14000		35.7	37.7	39.7	40.7	40.9	41.3	41.4	41.5	41.8	41.8	41.8	41.8	41.8	41.8	41.8
GE 12000		36.1	38.2	40.2	41.2	41.3	41.8	41.9	42.0	42.2	42.2	42.2	42.2	42.2	42.2	42.2
GE 10000		40.1	42.1	44.1	45.2	45.3	45.8	45.9	46.0	46.2	46.2	46.2	46.2	46.2	46.2	46.2
GE 9000		40.4	42.6	44.7	45.8	45.9	46.4	46.5	46.6	46.8	46.8	46.8	46.8	46.8	46.8	46.8
GE 8000		44.8	47.0	49.3	50.5	50.6	51.1	51.2	51.3	51.5	51.5	51.5	51.5	51.5	51.5	51.5
GE 7000		45.9	48.1	50.5	51.7	51.9	52.3	52.4	52.5	52.7	52.7	52.7	52.7	52.7	52.7	52.7
GE 6000		46.0	48.3	50.6	51.9	52.0	52.4	52.5	52.6	52.9	52.9	52.9	52.9	52.9	52.9	52.9
GE 5000		48.8	51.1	53.5	55.1	55.2	55.7	55.8	55.9	56.1	56.1	56.1	56.1	56.1	56.1	56.1
GE 4000		52.7	55.3	57.9	59.5	59.6	60.0	60.2	60.3	60.5	60.5	60.5	60.5	60.5	60.5	60.5
GE 3000		60.4	63.4	66.3	67.9	68.0	68.5	68.6	68.7	68.9	68.9	68.9	68.9	68.9	68.9	68.9
GE 2000		66.6	69.8	72.8	74.4	74.5	75.0	75.1	75.2	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 1000		74.5	78.2	82.0	83.6	83.7	84.4	84.6	84.8	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 2500		78.5	82.4	86.5	88.1	88.2	89.0	89.2	89.5	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 2000		81.3	85.5	90.1	91.9	92.0	92.4	92.6	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 1800		81.8	86.2	91.1	93.2	93.4	93.9	94.2	94.4	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 1600		82.6	87.1	92.1	94.5	94.7	95.7	96.5	96.7	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 1400		83.1	87.7	93.0	95.5	95.7	97.1	97.8	98.0	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 1200		83.2	87.8	93.4	95.8	96.1	97.9	98.1	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 1000		83.4	88.0	93.6	96.1	96.3	98.1	98.3	98.5	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 900		83.6	88.3	93.9	96.4	96.7	98.5	98.8	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 800		83.6	88.3	93.9	96.4	96.9	98.7	98.9	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 700		83.6	88.3	93.9	96.4	97.1	99.0	99.2	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 600		83.6	88.3	93.9	96.4	97.1	99.0	99.2	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 500		83.6	88.3	93.9	96.4	97.1	99.0	99.2	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 400		83.6	88.3	93.9	96.4	97.1	99.0	99.2	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 300		83.6	88.3	93.9	96.4	97.1	99.0	99.2	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 200		83.6	88.3	93.9	96.4	97.1	99.0	99.2	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 100		83.6	88.3	93.9	96.4	97.1	99.0	99.2	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 0		83.6	88.3	93.9	96.4	97.1	99.0	99.2	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS: 871

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035933 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 70-67  
MONTH: SEP HOURS(UT): 1500-1700

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GE 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 3
NO CEIL	1	31.0	33.6	35.6	36.7	36.7	36.8	36.8	36.8	36.8	36.9	36.8	36.8	36.8	36.8	36.8
GE 20000		36.5	41.2	43.6	45.1	45.1	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
GE 18000		39.2	41.9	44.3	45.8	45.8	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9
GE 16000		39.2	41.9	44.3	45.8	45.8	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9
GE 14000		39.3	42.0	44.4	45.9	45.9	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
GE 12000		39.9	42.6	45.0	46.4	46.4	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
GE 10000		43.1	46.0	48.6	50.2	50.2	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
GE 9000		43.3	46.2	48.8	50.4	50.4	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
GE 8000		48.9	52.1	55.5	57.1	57.1	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
GE 7000		50.3	53.5	57.0	58.6	58.6	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
GE 6000		50.7	54.1	57.8	59.3	59.3	59.9	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
GE 5000		54.2	58.1	61.9	63.5	63.5	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE 4500		58.4	62.6	66.6	68.3	68.3	68.9	68.9	68.9	68.9	69.0	69.0	69.0	69.0	69.0	69.0
GE 4000		64.8	69.4	73.8	75.7	75.8	76.4	76.4	76.4	76.6	76.6	76.6	76.6	76.6	76.6	76.6
GE 3500		69.5	74.3	78.9	80.7	80.9	81.7	81.7	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8
GE 3000		76.2	81.5	86.3	89.1	89.4	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 2500		79.4	84.8	90.0	92.0	92.6	93.7	93.7	93.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 2000		80.9	86.5	92.3	94.6	95.4	96.5	96.5	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 1800		80.9	86.5	92.3	94.6	95.4	96.5	96.5	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 1600		81.2	87.1	93.2	95.7	96.5	97.6	97.6	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 1400		81.5	87.4	94.0	96.7	97.5	98.8	98.8	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 1000		81.5	87.4	94.0	96.7	97.5	98.9	99.0	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 900		81.5	87.4	94.0	96.7	97.5	98.9	99.0	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 800		81.5	87.7	94.2	96.9	97.7	99.1	99.2	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 700		81.7	87.8	94.3	97.1	97.8	99.2	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 600		81.7	87.8	94.3	97.1	97.8	99.2	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 500		81.7	87.8	94.3	97.1	97.8	99.2	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 400		81.7	87.8	94.3	97.1	97.8	99.2	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 300		81.8	87.9	94.5	97.2	98.0	99.3	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200		81.8	87.9	94.5	97.2	98.0	99.3	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100		81.8	87.9	94.5	97.2	98.0	99.3	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0		81.8	87.9	94.5	97.2	98.0	99.3	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 883



GLOBAL CLIMATOLOGY BRANCH  
USAF/ETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM FOURLY OBSERVATIONS

STATION NUMBER: 035833 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 78-87  
MONTH: SEP HOURS (LST): 1800-2000

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	1	2	3	4	5	6	7	8	9	10	12	14	16	18	20	24
NO CEIL	1	24.6	39.0	41.7	43.7	43.7	44.0	44.0	44.0	44.2	44.2	44.2	44.2	44.2	44.2	44.2
GE 20000		40.5	45.4	48.6	51.2	51.2	51.6	51.6	51.6	51.8	51.8	51.8	51.8	51.8	51.8	51.8
GE 18000		40.7	45.6	48.9	51.2	51.5	51.8	51.8	51.8	52.0	52.0	52.0	52.0	52.0	52.0	52.0
GE 16000		40.7	45.6	49.0	51.4	51.6	51.9	51.9	51.9	52.2	52.2	52.2	52.2	52.2	52.2	52.2
GE 14000		40.7	45.6	49.0	51.4	51.6	51.9	51.9	51.9	52.2	52.2	52.2	52.2	52.2	52.2	52.2
GE 12000		41.3	46.1	49.5	51.9	52.2	52.5	52.5	52.5	52.7	52.7	52.7	52.7	52.7	52.7	52.7
GE 10000		43.7	48.9	52.3	54.8	55.0	55.3	55.3	55.3	55.6	55.6	55.6	55.6	55.6	55.6	55.6
GE 9000		44.3	49.5	53.1	55.6	55.8	56.5	56.5	56.5	56.7	56.7	56.7	56.7	56.7	56.7	56.7
GE 8000		50.6	56.3	60.8	63.4	63.6	64.3	64.3	64.3	64.5	64.5	64.5	64.5	64.5	64.5	64.5
GE 7000		51.9	57.7	62.2	64.9	65.1	65.8	65.8	65.8	66.0	66.0	66.0	66.0	66.0	66.0	66.0
GE 6000		52.4	58.3	62.8	65.4	65.6	66.4	66.4	66.4	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 5000		55.2	62.0	66.7	69.5	69.7	70.6	70.6	70.6	70.9	70.9	70.9	70.9	70.9	70.9	70.9
GE 4000		58.7	66.0	70.7	73.7	73.9	74.9	74.9	74.9	75.2	75.2	75.2	75.2	75.2	75.2	75.2
GE 3000		62.5	70.6	75.6	79.3	79.5	80.7	80.7	80.7	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 2000		66.1	74.6	79.7	83.6	83.8	85.0	85.4	85.4	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 1000		70.5	79.6	84.4	89.2	89.5	90.7	91.0	91.0	91.5	91.5	91.5	91.5	91.5	91.5	91.5
GE 2000		71.8	80.8	86.6	90.9	91.3	92.5	92.9	92.9	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 1800		73.0	82.4	88.7	93.1	93.5	94.8	95.1	95.1	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 1600		73.0	82.4	88.7	93.1	93.5	94.8	95.1	95.1	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 1400		74.1	83.7	90.1	94.7	95.1	96.7	97.1	97.1	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 1200		74.7	84.2	90.8	95.5	95.9	97.6	98.3	98.3	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 1000		74.7	84.4	91.0	95.7	96.1	98.1	98.8	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 900		74.7	84.4	91.0	95.7	96.1	98.1	98.8	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 800		74.7	84.4	91.0	95.7	96.1	98.1	98.8	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 700		74.7	84.4	91.3	95.9	96.4	98.4	99.1	99.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 600		74.7	84.4	91.3	95.9	96.4	98.4	99.1	99.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 500		74.7	84.4	91.3	95.9	96.4	98.4	99.1	99.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 400		74.7	84.4	91.3	95.9	96.4	98.4	99.1	99.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 300		74.7	84.4	91.3	95.9	96.4	98.4	99.1	99.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 200		74.7	84.4	91.3	95.9	96.4	98.4	99.1	99.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 100		74.7	84.4	91.3	95.9	96.4	98.4	99.1	99.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 0		74.7	84.4	91.3	95.9	96.4	98.4	99.1	99.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS: 862

GLOBAL CLIMATOLOGY BRANCH  
LSAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035933 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 78-87  
MONTH: SEP HOURS (LST): 2100-2300

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	1	2	3	4	5	6	7	8	9	10	12	14	16	18	20	24
NO CEIL		42.5	47.4	50.5	53.0	53.5	53.8	54.3	54.5	54.7	54.7	54.8	54.9	54.8	54.8	54.8
GE 20000		45.7	51.0	54.3	57.1	57.6	57.9	58.4	58.6	58.8	58.8	58.9	58.9	58.9	58.9	58.9
GE 18000		45.8	51.1	54.5	57.2	57.6	58.0	58.6	58.7	58.9	58.9	59.0	59.0	59.0	59.0	59.0
GE 16000		45.8	51.1	54.5	57.2	57.8	58.0	58.6	58.7	58.9	58.9	59.0	59.0	59.0	59.0	59.0
GE 14000		45.8	51.1	54.5	57.2	57.8	58.0	58.6	58.7	58.9	58.9	59.0	59.0	59.0	59.0	59.0
GE 12000		45.9	51.4	54.7	57.4	58.0	58.2	58.8	58.9	59.1	59.1	59.2	59.2	59.2	59.2	59.2
GE 10000		47.5	53.0	56.4	59.1	59.7	60.2	61.0	61.1	61.3	61.3	61.4	61.4	61.4	61.4	61.4
GE 9000		47.8	53.3	56.7	59.5	60.0	60.8	61.6	61.8	62.0	62.0	62.1	62.1	62.1	62.1	62.1
GE 8000		52.5	58.6	62.7	65.6	66.2	67.0	67.6	67.9	68.2	68.2	68.3	68.3	68.3	68.3	68.3
GE 7000		53.2	59.2	63.4	66.3	66.9	67.7	68.5	68.6	68.8	68.8	68.9	68.9	68.9	68.9	68.9
GE 6000		53.4	59.5	63.6	66.6	67.1	67.9	68.7	68.8	69.1	69.1	69.2	69.2	69.2	69.2	69.2
GE 5000		55.6	61.9	66.4	69.6	70.2	71.0	71.8	71.9	72.1	72.1	72.3	72.3	72.3	72.3	72.3
GE 4500		59.0	65.5	70.3	73.5	74.1	75.0	75.9	76.0	76.3	76.3	76.4	76.4	76.4	76.4	76.4
GE 4000		62.8	69.3	74.7	78.0	78.5	79.5	80.4	80.6	80.9	80.9	81.1	81.1	81.1	81.1	81.1
GE 3500		65.5	72.0	77.6	80.9	81.5	82.4	83.6	83.9	84.1	84.1	84.2	84.2	84.2	84.2	84.2
GE 3000		69.5	76.1	82.0	85.4	86.0	86.9	88.0	88.2	88.6	88.6	88.7	88.7	88.7	88.7	88.7
GE 2500		70.8	77.4	83.4	86.9	87.4	88.6	89.7	90.0	90.4	90.4	90.5	90.5	90.5	90.5	90.5
GE 2000		72.0	78.8	85.4	89.0	89.6	91.2	92.4	92.6	93.0	93.0	93.2	93.2	93.2	93.2	93.2
GE 1800		72.4	79.2	85.8	89.5	90.1	91.7	92.8	93.0	93.5	93.5	93.6	93.6	93.6	93.6	93.6
GE 1500		73.2	80.5	87.3	91.1	91.7	93.3	94.6	94.9	95.4	95.4	95.5	95.5	95.5	95.5	95.5
GE 1200		73.9	81.2	88.4	92.2	92.9	94.5	96.0	96.2	96.8	96.8	96.9	96.9	96.9	96.9	96.9
GE 1000		73.9	81.2	88.5	92.6	93.3	95.0	96.5	96.7	97.3	97.3	97.4	97.4	97.4	97.4	97.4
GE 900		73.9	81.3	88.6	92.7	93.4	95.1	96.6	96.8	97.4	97.4	97.5	97.5	97.5	97.5	97.5
GE 800		74.0	81.6	88.9	93.0	93.7	95.4	96.9	97.1	97.7	97.7	97.8	97.8	97.8	97.8	97.8
GE 700		74.0	81.6	89.2	93.4	94.1	95.9	97.4	97.6	98.3	98.3	98.4	98.4	98.4	98.4	98.4
GE 600		74.0	81.6	89.3	93.6	94.3	96.1	97.6	97.8	98.5	98.5	98.6	98.6	98.6	98.6	98.6
GE 500		74.0	81.6	89.3	93.6	94.4	96.2	98.1	98.3	99.1	99.1	99.2	99.2	99.2	99.2	99.2
GE 400		74.0	81.6	89.3	93.6	94.4	96.2	98.4	98.6	99.4	99.4	99.5	99.5	99.5	99.5	99.5
GE 300		74.0	81.6	89.3	93.6	94.4	96.2	98.4	98.6	99.4	99.4	99.5	99.5	99.5	99.5	99.5
GE 200		74.0	81.6	89.3	93.6	94.4	96.2	98.4	98.6	99.4	99.4	99.5	99.5	99.5	99.5	99.5
GE 100		74.0	81.6	89.3	93.6	94.4	96.2	98.4	98.6	99.4	99.4	99.5	99.5	99.5	99.5	99.5
GE 0		74.0	81.6	89.3	93.6	94.4	96.2	98.4	98.6	99.4	99.4	99.5	99.5	99.5	99.5	99.5

TOTAL NUMBER OF OBSERVATIONS: 476

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035833 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 78-87  
MONTH: SEP HOURS (LST): ALL

CEILING IN FEET	GT 160	VISIBILITY IN HUNDREDS OF METERS														
		GT 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 3
NO CEIL		30.5	33.7	36.9	38.7	39.0	39.9	40.5	40.6	41.0	41.2	41.4	41.5	41.7	41.8	42.1
GE 20000		36.2	39.9	43.9	46.0	46.4	47.4	48.0	48.1	48.6	48.8	49.0	49.2	49.3	49.4	49.8
GE 18000		36.4	40.2	44.1	46.2	46.6	47.6	48.2	48.4	48.9	49.1	49.3	49.4	49.6	49.7	50.0
GE 16000		36.4	40.2	44.1	46.2	46.7	47.6	48.2	48.4	48.9	49.1	49.3	49.4	49.6	49.7	50.0
GE 14000		36.4	40.2	44.2	46.3	46.7	47.7	48.3	48.4	48.9	49.2	49.3	49.5	49.7	49.7	50.1
GE 12000		36.7	40.6	44.6	46.7	47.1	48.1	48.7	48.8	49.3	49.5	49.7	49.9	50.0	50.1	50.5
GE 10000		38.9	42.9	47.0	49.2	49.6	50.7	51.4	51.5	52.0	52.2	52.4	52.6	52.7	52.8	53.2
GE 9000		39.3	43.4	47.6	49.7	50.2	51.4	52.1	52.2	52.7	52.9	53.1	53.3	53.4	53.5	53.9
GE 8000		44.1	48.6	53.4	55.9	56.3	57.7	58.4	58.5	59.1	59.3	59.5	59.6	59.8	59.9	60.2
GE 7000		44.9	49.5	54.4	56.9	57.3	58.7	59.4	59.5	60.1	60.3	60.5	60.6	60.8	60.9	61.2
GE 6000		45.1	49.7	54.8	57.2	57.7	59.0	59.8	59.9	60.5	60.7	60.9	61.0	61.2	61.3	61.6
GE 5000		47.8	52.8	58.2	60.8	61.3	62.7	63.4	63.6	64.1	64.3	64.5	64.7	64.8	64.9	65.3
GE 4500		51.7	57.1	62.7	65.6	66.1	67.6	68.4	68.6	69.2	69.4	69.6	69.7	69.9	70.0	70.3
GE 4000		57.0	62.7	68.7	71.8	72.4	74.0	74.9	75.1	75.7	75.9	76.1	76.2	76.4	76.5	76.8
GE 3500		60.6	66.4	72.7	75.8	76.4	78.1	79.2	79.3	80.0	80.2	80.4	80.5	80.7	80.8	81.1
GE 3000		65.1	71.3	77.9	81.1	81.7	83.5	84.7	84.9	85.6	85.8	86.0	86.1	86.3	86.4	86.7
GE 2500		66.9	73.4	80.2	83.5	84.2	86.1	87.3	87.5	88.2	88.4	88.6	88.7	88.9	89.0	89.3
GE 2000		68.7	75.4	82.6	86.2	86.6	88.9	90.1	90.3	91.0	91.2	91.4	91.6	91.7	91.8	92.2
GE 1800		68.9	75.6	82.8	86.4	87.0	89.1	90.3	90.6	91.3	91.5	91.7	91.8	92.0	92.1	92.4
GE 1500		69.7	76.6	84.1	87.7	88.4	90.6	91.8	92.1	92.9	93.1	93.3	93.5	93.7	93.8	94.1
GE 1200		70.4	77.5	85.1	89.0	89.8	92.1	93.4	93.7	94.5	94.8	95.0	95.1	95.3	95.4	95.8
GE 1000		70.5	77.7	85.6	89.7	90.4	92.9	94.3	94.6	95.5	95.7	96.0	96.1	96.3	96.4	96.7
GE 900		70.5	77.8	85.7	89.8	90.6	93.0	94.5	94.8	95.7	95.9	96.2	96.3	96.5	96.6	96.9
GE 800		70.6	77.9	85.9	90.1	90.8	93.3	94.7	95.1	96.0	96.2	96.5	96.6	96.8	96.9	97.2
GE 700		70.6	78.0	86.2	90.5	91.3	93.9	95.4	95.8	96.7	96.9	97.2	97.4	97.5	97.6	98.0
GE 600		70.6	78.0	86.2	90.6	91.4	94.1	95.6	96.0	96.9	97.2	97.4	97.6	97.7	97.8	98.2
GE 500		70.6	78.0	86.3	90.6	91.5	94.2	95.9	96.3	97.2	97.5	97.8	97.9	98.1	98.2	98.6
GE 400		70.6	78.0	86.3	90.6	91.5	94.2	96.0	96.4	97.5	97.9	98.1	98.4	98.5	98.6	99.0
GE 300		70.6	78.0	86.3	90.7	91.5	94.2	96.0	96.5	97.6	98.0	98.3	98.5	98.7	98.9	99.2
GE 200		70.6	78.0	86.3	90.7	91.5	94.2	96.0	96.5	97.7	98.1	98.3	98.6	98.9	99.0	99.5
GE 100		70.6	78.0	86.3	90.7	91.5	94.2	96.0	96.5	97.7	98.1	98.3	98.6	98.9	99.1	99.8
GE		70.6	78.0	86.3	90.7	91.5	94.2	96.0	96.5	97.7	98.1	98.3	98.6	98.9	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS: 7049

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM FOURLY OBSERVATIONS

STATION NUMBER: G15833 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 77-88  
MONTH: OCT HOURS (LST): 0000-0100

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	1 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 3
NO CEIL		34.7	39.0	41.5	43.0	43.5	44.7	46.0	46.0	46.5	46.6	46.9	47.1	47.7	48.2	50.3
GE 20000		38.7	43.2	45.7	47.3	47.9	49.2	50.5	50.5	51.0	51.4	51.5	51.7	52.2	52.4	54.2
GE 18000		38.7	43.2	45.7	47.3	47.9	49.2	50.5	50.5	51.0	51.4	51.5	51.7	52.2	52.4	54.2
GE 16000		38.7	43.2	45.7	47.3	47.9	49.2	50.5	50.5	51.0	51.4	51.5	51.7	52.2	52.4	54.2
GE 14000		38.7	43.2	45.7	47.3	47.9	49.2	50.5	50.5	51.0	51.4	51.5	51.7	52.2	52.4	54.2
GE 12000		38.7	43.2	45.7	47.3	47.9	49.2	50.5	50.5	51.0	51.4	51.5	51.7	52.2	52.4	54.2
GE 10000		39.6	44.2	46.7	48.4	49.0	50.7	51.6	51.6	52.1	52.4	52.6	52.8	53.3	53.9	55.9
GE 9000		39.7	44.3	46.9	48.6	49.2	50.5	51.8	51.9	52.3	52.7	52.8	53.0	53.5	54.1	56.1
GE 8000		41.9	46.8	49.9	51.8	52.3	53.7	55.0	55.0	55.6	55.9	56.0	56.2	56.8	57.3	59.4
GE 7000		42.3	47.2	50.4	52.2	52.8	54.2	55.5	55.5	56.0	56.4	56.5	56.7	57.2	57.6	59.8
GE 6000		42.6	47.4	50.6	52.4	53.0	54.4	55.7	55.7	56.2	56.6	56.7	56.9	57.4	57.8	60.0
GE 5000		43.8	49.1	52.3	54.2	54.7	56.1	57.4	57.4	58.1	58.4	58.5	58.7	59.3	59.8	61.9
GE 4500		46.8	52.9	56.8	58.6	59.2	60.6	61.9	61.9	62.4	62.7	63.3	63.5	64.1	64.6	66.7
GE 4000		50.9	57.9	62.2	64.1	64.6	66.1	67.4	67.4	68.4	68.8	68.9	69.2	69.7	70.2	72.3
GE 3500		53.9	60.9	65.8	67.8	68.3	69.9	71.2	71.2	72.2	72.6	72.7	73.0	73.5	74.0	76.1
GE 3000		57.3	64.8	70.7	73.3	73.6	75.5	76.8	76.8	77.7	78.2	78.3	78.5	79.0	79.6	81.7
GE 2500		58.4	65.9	72.6	75.2	75.8	77.7	79.0	79.0	80.0	80.5	80.6	80.8	81.3	81.9	83.9
GE 2000		61.3	69.2	76.3	79.4	79.9	82.0	83.3	83.3	84.3	84.7	84.8	85.0	85.6	86.1	88.2
GE 1800		61.6	69.4	76.8	79.8	80.3	82.7	84.0	84.0	85.0	85.6	85.7	85.9	86.4	87.0	89.0
GE 1500		63.1	71.0	78.7	81.9	82.4	84.9	86.2	86.2	87.2	87.9	88.1	88.3	88.9	89.4	91.4
GE 1200		64.2	72.4	80.2	83.4	83.9	86.5	87.8	87.8	88.9	89.8	89.9	90.1	90.7	91.2	93.3
GE 1000		64.2	72.5	80.7	83.8	84.4	87.1	88.5	88.5	89.7	90.6	90.7	90.9	91.4	92.0	94.0
GE 900		64.2	72.5	81.0	84.3	84.8	87.6	89.0	89.0	90.2	91.1	91.2	91.4	92.0	92.5	94.6
GE 800		64.2	72.6	81.3	84.6	85.1	88.1	89.5	89.5	90.7	91.6	91.6	91.9	92.4	92.9	95.0
GE 700		64.2	72.6	81.3	84.6	85.3	88.5	89.9	89.9	91.1	92.0	92.1	92.3	92.8	93.4	95.4
GE 600		64.2	72.6	81.4	85.0	85.6	88.7	90.1	90.2	91.3	92.2	92.4	92.6	93.2	93.7	95.8
GE 500		64.2	72.6	81.8	85.6	86.1	89.5	91.0	91.7	92.4	93.5	93.6	93.8	94.4	94.9	97.2
GE 400		64.2	72.6	81.9	85.7	86.2	89.6	91.1	91.4	92.6	93.6	93.7	93.9	94.5	95.0	97.3
GE 300		64.2	72.6	82.1	85.9	86.4	89.8	91.3	91.6	92.8	93.8	94.0	94.4	95.0	95.5	97.8
GE 200		64.2	72.6	82.1	85.9	86.4	89.8	91.3	91.6	92.8	93.8	94.0	94.4	95.0	95.5	97.8
GE 100		64.2	72.6	82.1	85.9	86.4	89.8	91.3	91.6	92.8	93.8	94.0	94.4	95.0	95.5	97.8
GE 0		64.2	72.6	82.1	85.9	86.4	89.9	91.4	91.7	92.9	93.9	94.1	94.5	95.1	95.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 241

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM FOURLY OBSERVATIONS

STATION NUMBER: 035933 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 77-81

MONTH: OCT HOURS (LST): 0700-0800

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	GT	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET	160	90	90	60	48	40	32	24	20	16	12	10	8	5	4	3	0
NO CEIL	1	59.2	33.7	38.2	40.6	41.3	43.0	44.4	44.8	45.2	46.1	46.3	46.5	47.2	47.7	47.8	47.8
GE 20000		71.9	36.5	41.3	43.6	44.3	46.0	47.6	48.0	48.3	49.3	49.5	49.8	50.5	51.1	51.1	51.1
GE 18000		72.0	36.6	41.4	43.8	44.4	46.1	47.7	48.1	48.4	49.4	49.6	49.9	50.6	51.2	51.2	51.2
GE 16000		72.0	36.6	41.4	43.8	44.4	46.1	47.7	48.1	48.4	49.4	49.6	49.9	50.6	51.2	51.2	51.2
GE 14000		72.0	36.6	41.4	43.8	44.4	46.1	47.7	48.1	48.4	49.4	49.6	49.9	50.6	51.2	51.2	51.2
GE 12000		72.0	36.6	41.4	43.8	44.4	46.1	47.7	48.1	48.4	49.4	49.6	49.9	50.6	51.2	51.2	51.2
GE 10000		73.3	38.1	42.9	45.4	46.0	47.8	49.3	49.7	50.1	51.0	51.2	51.6	52.2	52.9	54.0	54.0
GE 9000		73.3	38.1	43.1	45.6	46.3	48.0	49.5	49.9	50.4	51.4	51.6	51.9	52.6	53.2	54.0	54.0
GE 8000		77.2	42.0	47.8	50.3	51.0	52.8	54.3	54.7	55.2	56.1	56.4	56.7	57.3	58.0	58.7	58.7
GE 7000		77.6	42.3	48.1	50.6	51.4	53.1	54.6	55.0	55.5	56.5	56.7	57.0	57.7	58.3	58.3	58.3
GE 6000		77.8	42.6	48.3	50.8	51.6	53.3	54.8	55.2	55.7	56.7	56.9	57.2	57.9	58.5	58.5	58.5
GE 5000		40.0	44.7	50.7	53.4	54.2	55.9	57.4	57.9	58.4	59.4	59.6	59.9	60.6	61.2	61.2	61.2
GE 4500		43.0	48.2	55.3	58.1	58.8	60.7	62.2	62.6	63.2	64.2	64.5	64.8	65.7	66.3	66.3	66.3
GE 4000		46.3	52.2	60.3	63.3	64.1	66.0	67.5	68.0	68.7	69.7	70.0	70.4	71.2	71.9	72.4	72.4
GE 3500		47.6	53.7	62.1	65.5	66.3	68.3	69.7	70.2	71.2	72.2	72.5	72.9	73.7	74.4	74.4	74.4
GE 3000		50.6	57.3	66.0	69.9	70.9	73.0	74.7	75.1	75.9	76.9	77.2	77.5	78.4	79.0	79.0	79.0
GE 2500		51.4	58.4	67.8	72.2	73.2	75.4	77.1	77.5	78.3	79.3	79.6	79.9	80.8	81.4	81.4	81.4
GE 2000		53.6	60.9	70.7	75.2	76.2	78.4	80.2	80.7	81.4	82.4	82.7	83.1	83.9	84.6	84.6	84.6
GE 1800		53.7	61.0	70.8	75.4	76.3	78.6	80.5	81.1	82.0	83.0	83.3	83.6	84.5	85.1	85.1	85.1
GE 1600		54.7	62.3	72.4	77.0	78.0	80.2	82.1	82.7	83.6	84.6	84.9	85.2	86.1	86.8	86.8	86.8
GE 1400		55.9	63.7	73.9	78.6	79.6	81.9	83.7	84.5	85.3	86.3	86.6	87.0	87.9	88.5	88.5	88.5
GE 1200		56.6	64.4	74.7	79.4	80.3	83.0	84.8	85.6	86.6	87.7	88.1	88.4	89.4	89.9	89.9	89.9
GE 1000		56.7	64.5	74.9	79.7	80.7	83.3	85.1	85.9	86.9	88.0	88.4	88.7	89.7	90.2	90.2	90.2
GE 900		57.0	64.9	76.0	80.9	81.9	84.5	86.8	87.5	88.6	89.8	90.1	90.4	91.3	91.8	91.8	91.8
GE 800		57.0	65.1	76.4	81.3	82.3	84.9	87.2	87.9	89.0	90.2	90.6	90.9	91.7	92.4	92.4	92.4
GE 700		57.0	65.1	76.4	81.5	82.5	85.1	87.6	88.5	89.7	90.9	91.2	91.5	92.4	93.1	93.1	93.1
GE 600		57.0	65.1	76.8	82.1	83.1	85.7	88.1	88.9	90.0	91.2	91.6	92.0	92.8	93.5	93.5	93.5
GE 500		57.0	65.1	76.8	82.2	83.2	85.8	88.2	89.0	90.1	91.3	91.7	92.1	92.9	93.6	93.6	93.6
GE 400		57.0	65.1	77.1	82.5	83.5	86.1	88.5	89.3	90.4	91.6	92.0	92.4	93.2	93.9	93.9	93.9
GE 300		57.0	65.1	77.1	82.5	83.5	86.1	88.5	89.3	90.4	91.6	92.0	92.4	93.2	93.9	93.9	93.9
GE 200		57.0	65.1	77.1	82.5	83.5	86.1	88.5	89.3	90.4	91.6	92.0	92.4	93.2	93.9	93.9	93.9
GE 100		57.0	65.1	77.1	82.5	83.5	86.1	88.5	89.3	90.4	91.6	92.0	92.4	93.2	93.9	93.9	93.9
GE	01	57.0	65.1	77.1	82.5	83.5	86.1	88.5	89.3	90.4	91.6	92.0	92.4	93.2	93.9	93.9	93.9

TOTAL NUMBER OF OBSERVATIONS: 921

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/LMAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 025433 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 77-94  
MONTH: OCT HOURS/DATE: 0807-00

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	FEET	GE 160	GE 90	GE 90	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 6	GE 4	GE 2
NO CEIL		20.7	23.5	27.4	29.9	30.3	32.0	33.9	34.1	35.0	35.2	35.6	35.7	35.8	35.9	36.0	36.1
GE 20000		24.3	27.4	33.0	35.2	35.6	37.5	39.4	39.6	40.4	41.2	41.7	41.7	41.7	41.7	41.7	41.7
GE 18000		24.3	27.5	33.1	35.3	35.7	37.6	39.5	39.7	41.0	41.7	41.7	41.7	41.7	41.7	41.7	41.7
GE 16000		24.4	27.6	33.2	35.4	35.8	37.7	39.6	39.8	41.2	41.4	41.7	41.7	41.7	41.7	41.7	41.7
GE 14000		24.4	27.6	33.2	35.4	35.8	37.7	39.6	39.8	41.2	41.4	41.7	41.7	41.7	41.7	41.7	41.7
GE 12000		24.4	27.6	33.2	35.4	35.8	37.7	39.6	39.8	41.2	41.4	41.7	41.7	41.7	41.7	41.7	41.7
GE 10000		26.0	29.4	35.1	37.6	38.0	40.0	41.9	42.1	43.4	43.6	44.3	44.3	44.3	44.3	44.3	44.3
GE 9000		26.7	30.2	35.9	38.4	38.8	40.8	42.8	43.0	44.4	44.6	45.3	45.3	45.3	45.3	45.3	45.3
GE 8000		30.9	34.7	40.4	43.8	44.2	46.2	48.3	48.5	50.2	50.4	51.0	51.0	51.0	51.0	51.0	51.0
GE 7000		32.0	35.9	42.1	45.0	45.4	47.4	49.5	49.7	51.4	51.6	52.2	52.2	52.2	52.2	52.2	52.2
GE 6000		32.2	36.2	42.5	45.4	45.8	47.8	49.9	50.1	51.8	52.0	52.6	52.6	52.6	52.6	52.6	52.6
GE 5000		34.0	38.1	44.4	47.8	48.2	50.2	52.3	52.5	54.2	54.4	55.0	55.0	55.0	55.0	55.0	55.0
GE 4000		37.5	41.6	48.1	51.5	51.9	53.9	56.0	56.2	57.9	58.1	58.7	58.7	58.7	58.7	58.7	58.7
GE 3000		41.9	47.0	56.0	59.5	60.0	62.0	64.1	64.3	66.0	66.2	66.8	66.8	66.8	66.8	66.8	66.8
GE 2000		43.3	48.6	58.0	62.1	62.6	64.6	66.7	66.9	68.6	68.8	69.4	69.4	69.4	69.4	69.4	69.4
GE 1000		45.6	51.1	61.0	65.5	66.0	68.0	70.1	70.3	72.0	72.2	72.8	72.8	72.8	72.8	72.8	72.8
GE 2500		46.3	52.6	63.0	67.5	68.1	70.1	72.2	72.4	74.1	74.3	74.9	74.9	74.9	74.9	74.9	74.9
GE 2000		47.8	54.6	65.3	69.9	70.7	72.7	74.8	75.0	76.7	76.9	77.5	77.5	77.5	77.5	77.5	77.5
GE 1800		47.8	54.7	65.4	70.0	70.6	72.6	74.7	74.9	76.6	76.8	77.4	77.4	77.4	77.4	77.4	77.4
GE 1600		48.3	56.4	67.8	72.5	73.3	75.3	77.4	77.6	79.1	79.3	80.0	80.0	80.0	80.0	80.0	80.0
GE 1400		48.5	57.3	68.6	73.6	74.4	76.7	78.8	79.0	80.5	80.7	81.4	81.4	81.4	81.4	81.4	81.4
GE 1200		49.4	58.0	69.5	74.7	75.6	77.9	80.0	80.2	81.7	81.9	82.6	82.6	82.6	82.6	82.6	82.6
GE 1000		50.1	58.1	69.7	75.2	76.1	78.5	80.6	80.8	82.3	82.5	83.2	83.2	83.2	83.2	83.2	83.2
GE 900		50.3	58.2	70.2	75.4	76.3	78.8	80.9	81.1	82.6	82.8	83.5	83.5	83.5	83.5	83.5	83.5
GE 800		50.4	58.4	70.6	76.1	77.0	79.4	81.5	81.7	83.2	83.4	84.1	84.1	84.1	84.1	84.1	84.1
GE 700		50.4	58.4	70.6	76.1	77.0	79.4	81.5	81.7	83.2	83.4	84.1	84.1	84.1	84.1	84.1	84.1
GE 600		50.4	58.4	70.6	76.1	77.0	79.4	81.5	81.7	83.2	83.4	84.1	84.1	84.1	84.1	84.1	84.1
GE 500		50.4	58.4	70.6	76.1	77.0	79.4	81.5	81.7	83.2	83.4	84.1	84.1	84.1	84.1	84.1	84.1
GE 400		50.4	58.4	70.6	76.1	77.0	79.4	81.5	81.7	83.2	83.4	84.1	84.1	84.1	84.1	84.1	84.1
GE 300		50.4	58.4	70.6	76.1	77.0	79.4	81.5	81.7	83.2	83.4	84.1	84.1	84.1	84.1	84.1	84.1
GE 200		50.4	58.4	70.6	76.1	77.0	79.4	81.5	81.7	83.2	83.4	84.1	84.1	84.1	84.1	84.1	84.1
GE 100		50.4	58.4	70.6	76.1	77.0	79.4	81.5	81.7	83.2	83.4	84.1	84.1	84.1	84.1	84.1	84.1

TOTAL NUMBER OF OBSERVATIONS: 9.1

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035933 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 77-88  
MONTH: OCT HOURS (LST): 0700-1100

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GT 160	GE 90	GE 80	GE 60	GE 40	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 6	GE 4	GE 0
NO CEIL		26.9	29.3	33.2	34.6	34.7	35.6	35.9	36.0	76.1	36.2	36.2	36.2	36.2	36.4	76.4
GE 20000		32.2	34.9	40.3	42.1	42.3	43.1	43.7	43.8	44.1	44.2	44.2	44.2	44.2	44.4	44.4
GE 18000		32.6	35.5	40.9	42.6	42.8	43.7	44.2	44.3	44.6	44.8	44.8	44.8	44.8	45.0	45.1
GE 16000		32.8	35.5	40.9	42.6	42.8	43.7	44.2	44.3	44.6	44.8	44.8	44.8	44.8	45.0	45.1
GE 14000		32.8	35.5	40.9	42.6	42.8	43.7	44.2	44.3	44.6	44.8	44.8	44.8	44.8	45.0	45.1
GE 12000		32.9	35.6	41.0	42.7	42.9	43.8	44.3	44.4	44.8	44.9	44.9	44.9	44.9	45.1	45.2
GE 10000		34.3	37.0	42.7	44.5	44.6	45.5	46.3	46.5	46.6	46.9	46.9	46.9	46.9	47.1	47.2
GE 9000		35.5	38.3	44.1	45.9	46.2	47.0	47.7	47.9	48.2	48.3	48.3	48.3	48.3	48.5	48.6
GE 8000		40.1	43.2	49.3	51.5	51.7	52.6	53.4	53.7	54.4	54.6	54.6	54.6	54.6	54.8	55.1
GE 7000		41.8	45.1	51.1	53.3	53.5	54.5	55.2	55.6	56.3	56.5	56.5	56.5	56.5	56.8	57.1
GE 6000		42.3	45.5	51.7	53.9	54.2	55.1	55.9	56.2	57.1	57.3	57.3	57.3	57.3	57.5	57.7
GE 5000		44.2	47.6	53.8	56.2	56.4	57.4	58.2	58.5	59.4	59.6	59.6	59.6	59.6	59.8	60.1
GE 4500		46.3	49.8	57.3	59.7	59.9	60.9	61.6	61.9	62.8	63.0	63.0	63.0	63.0	63.2	63.5
GE 4000		51.1	55.1	63.9	67.0	67.4	68.4	69.5	69.9	70.8	71.0	71.0	71.0	71.0	71.2	71.5
GE 3500		52.8	57.9	67.0	70.5	70.9	72.2	73.4	73.8	74.7	74.9	74.9	74.9	74.9	75.1	75.4
GE 3000		57.9	62.3	71.9	75.6	76.2	77.5	78.8	79.2	80.1	80.3	80.3	80.3	80.3	80.5	80.8
GE 2500		59.7	64.0	73.8	77.7	78.2	79.5	80.9	81.5	82.4	82.6	82.6	82.6	82.6	82.8	83.1
GE 2000		61.1	65.6	76.1	80.3	80.9	82.4	83.8	84.5	85.4	85.6	85.6	85.6	85.6	85.8	86.2
GE 1800		61.4	65.9	76.5	80.9	81.4	82.9	84.3	85.1	85.9	86.2	86.2	86.2	86.2	86.4	86.7
GE 1600		62.5	67.7	78.5	83.0	83.8	85.3	86.8	87.5	88.5	88.8	88.8	88.8	88.8	89.0	89.3
GE 1400		63.5	68.8	79.8	84.4	85.2	86.7	88.3	89.1	90.3	90.5	90.5	90.5	90.5	90.7	91.0
GE 1200		63.8	69.1	80.8	85.6	86.5	88.0	89.7	90.5	91.8	92.2	92.2	92.2	92.2	92.4	92.7
GE 1000		63.9	69.2	80.9	85.7	86.6	88.2	90.1	90.9	92.2	92.6	92.6	92.6	92.6	92.9	93.2
GE 900		63.9	69.4	81.2	86.1	86.9	88.6	90.7	91.6	92.9	93.3	93.3	93.3	93.3	93.5	93.8
GE 800		63.9	69.4	81.7	86.8	87.7	89.5	91.6	92.4	93.9	94.5	94.5	94.5	94.5	94.7	95.0
GE 700		63.9	69.5	81.8	86.9	87.8	89.6	91.7	92.5	94.6	95.2	95.2	95.2	95.2	95.5	95.8
GE 600		63.9	69.7	82.4	87.5	88.3	90.2	92.2	93.4	95.6	96.2	96.2	96.2	96.2	96.4	96.7
GE 500		63.9	69.7	82.5	87.6	88.4	90.3	92.3	93.5	95.8	96.6	96.6	96.6	96.6	96.9	97.2
GE 400		63.9	69.7	82.5	87.7	88.5	90.4	92.4	93.7	96.1	97.7	97.7	97.7	97.7	97.9	98.2
GE 300		63.9	69.7	82.5	87.7	88.5	90.4	92.5	93.8	96.2	97.1	97.5	97.5	97.5	97.8	98.1
GE 200		63.9	69.7	82.5	87.7	88.5	90.4	92.5	93.8	96.2	97.1	97.5	97.5	97.5	97.8	98.1
GE 100		63.9	69.7	82.5	87.7	88.5	90.4	92.5	93.8	96.2	97.1	97.5	97.5	97.5	97.8	98.1
GE 0		63.9	69.7	82.5	87.7	88.5	90.4	92.5	93.8	96.2	97.1	97.5	97.5	97.5	97.8	98.1

TOTAL NUMBER OF OBSERVATIONS: 925

GLOBAL CLIMATOLOGY BRANCH  
USAFETC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035437 STATION NAME: RAF LARKENHEAD UNITED KINGDOM

PERIOD OF RECORD: 37-yr  
MONTH: OCT HOUR: 01 UTC+1400

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	1	2	3	4	5	6	7	8	9	10	12	15	20	25	30	40
NO CEIL	1	25.9	26.9	28.7	29.3	29.6	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9
GE 20000	1	36.2	37.5	39.7	40.2	40.5	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0
GE 18000	1	36.5	37.8	40.1	40.6	41.0	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
GE 16000	1	36.6	37.9	40.2	40.7	41.1	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5
GE 14000	1	36.9	38.2	40.5	41.1	41.4	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8
GE 12000	1	37.1	38.4	40.6	41.2	41.5	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9
GE 10000	1	39.4	40.8	43.6	44.1	44.4	44.7	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1
GE 9000	1	40.3	41.7	44.4	45.0	45.3	45.7	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9
GE 8000	1	44.2	46.0	48.9	49.6	50.3	50.8	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
GE 7000	1	45.1	46.9	49.8	50.6	51.4	51.9	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
GE 6000	1	45.3	47.1	50.2	50.9	51.7	52.0	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
GE 5000	1	47.6	49.5	52.5	53.3	54.1	54.6	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
GE 4500	1	50.5	52.8	55.9	56.8	57.1	58.1	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
GE 4000	1	58.4	61.1	65.3	66.4	67.2	67.7	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
GE 3500	1	64.5	67.3	72.0	73.5	74.2	74.8	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 3000	1	70.4	73.3	78.9	80.4	81.1	81.7	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
GE 2500	1	71.9	75.0	80.5	82.4	83.2	84.0	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 2000	1	76.1	79.3	85.3	87.3	88.1	88.9	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 1800	1	76.2	79.5	85.6	87.8	88.6	89.5	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 1600	1	77.7	81.3	88.9	91.7	92.5	93.7	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 1400	1	78.4	82.1	90.3	92.7	93.6	94.8	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 1000	1	78.5	82.4	90.6	93.3	94.1	95.4	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 900	1	78.5	82.6	90.7	93.4	94.3	95.6	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 800	1	78.5	82.6	90.7	93.5	94.4	95.8	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 700	1	78.8	82.9	91.3	94.1	95.0	96.7	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 600	1	78.8	82.9	91.7	94.5	95.3	97.2	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 500	1	78.8	82.9	92.0	94.8	95.7	97.5	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 400	1	78.8	82.9	92.0	94.9	95.8	97.6	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 300	1	78.8	82.9	92.0	94.9	95.8	97.6	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 200	1	78.8	82.9	92.0	94.9	95.8	97.6	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 100	1	78.8	82.9	92.0	94.9	95.8	97.6	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 0	1	79.0	83.1	92.2	95.1	96.0	97.8	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4

TOTAL NUMBER OF OBSERVATIONS: 923



GLOBAL CLIMATOLOGY BRANCH  
USAF/ETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 015931 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 77-PH  
MONTH: OCT HOURLY PERIOD: 1100-1100

CEILING		VISIBILITY IN HUNDREDS OF METERS																
IN	FEET	GE 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 6	GE 4	GE 2	
NO CEIL	1		26.1	28.0	30.6	31.2	31.3	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	
GE 20000	1		35.4	37.6	41.2	41.7	41.8	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	
GE 18000	1		35.8	38.2	41.0	42.1	42.2	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	
GE 16000	1		36.0	38.4	41.8	42.3	42.5	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	
GE 14000	1		36.0	38.4	41.8	42.3	42.5	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	
GE 12000	1		37.0	39.4	42.6	43.3	43.4	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	
GE 10000	1		39.8	42.3	46.0	46.6	46.7	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	
GE 9000	1		40.7	43.3	47.0	47.6	47.7	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	
GE 8000	1		45.1	48.3	52.3	53.1	53.2	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	
GE 7000	1		46.5	49.7	53.9	54.6	54.7	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	
GE 6000	1		46.7	49.9	54.1	54.9	55.0	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	
GE 5000	1		49.5	52.8	57.0	57.9	58.0	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	
GE 4500	1		52.0	55.4	59.8	60.9	61.0	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	
GE 4000	1		59.0	63.1	68.5	69.8	70.0	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	
GE 3500	1		55.5	70.2	76.7	78.0	78.2	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	
GE 3000	1		70.9	75.9	83.1	84.8	85.0	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	
GE 2500	1		73.0	78.2	85.0	87.5	87.8	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	
GE 2000	1		76.2	82.1	89.6	91.9	92.2	92.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	
GE 1800	1		76.2	82.1	89.6	91.9	92.2	92.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	
GE 1600	1		76.8	83.1	91.1	93.4	93.7	94.4	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	
GE 1400	1		77.7	84.4	92.5	95.0	95.3	96.0	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	
GE 1200	1		78.0	84.7	93.1	95.6	96.1	96.7	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	
GE 1000	1		78.1	84.9	93.3	96.0	96.3	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	
GE 900	1		78.2	85.1	93.7	96.4	96.7	97.5	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	
GE 800	1		78.3	85.2	94.0	96.7	97.2	97.7	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	
GE 700	1		78.3	85.2	94.4	97.3	97.7	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	
GE 600	1		78.3	85.2	94.4	97.3	97.7	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	
GE 500	1		78.3	85.2	94.4	97.3	97.7	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	
GE 400	1		78.3	85.2	94.4	97.3	97.7	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	
GE 300	1		78.3	85.2	94.4	97.3	97.7	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	
GE 200	1		78.3	85.2	94.4	97.3	97.7	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	
GE 100	1		78.3	85.2	94.4	97.3	97.7	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	
GE 0	1		78.3	85.2	94.4	97.3	97.7	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	100.0	

TOTAL NUMBER OF OBSERVATIONS: 2,1

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 025033 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 77-P4  
MONTH: OCT HOURS(UT): 1800-0000

CEILING IN FEET	GT 160	VISIBILITY IN HUNDREDS OF METERS														
		GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL		75.1	37.9	40.2	41.8	42.0	43.2	43.4	43.6	43.9	43.9	43.9	43.9	43.9	43.9	43.9
GE 20000		39.6	42.9	45.6	47.2	47.4	48.9	49.1	49.7	49.6	49.6	49.6	49.6	49.6	49.6	49.6
GE 18000		40.1	43.3	46.0	47.7	47.9	49.3	49.5	49.7	50.1	50.1	50.1	50.1	50.1	50.1	50.1
GE 16000		40.3	43.5	46.3	47.9	48.1	49.5	49.7	49.9	50.3	50.3	50.3	50.3	50.3	50.3	50.3
GE 14000		40.4	43.6	46.4	48.0	48.2	49.6	49.8	50.1	50.4	50.4	50.4	50.4	50.4	50.4	50.4
GE 12000		40.5	43.8	46.5	48.1	48.3	49.7	49.9	50.2	50.5	50.5	50.5	50.5	50.5	50.5	50.5
GE 10000		42.7	46.1	49.1	50.8	51.0	52.6	52.8	53.0	53.3	53.3	53.3	53.3	53.3	53.3	53.3
GE 9000		43.2	46.8	49.7	51.5	51.7	53.2	53.4	53.6	54.0	54.0	54.0	54.0	54.0	54.0	54.0
GE 8000		46.4	50.1	53.4	55.3	55.5	57.0	57.2	57.4	57.8	57.8	57.8	57.8	57.8	57.8	57.8
GE 7000		47.4	51.1	54.5	56.4	56.6	58.1	58.3	58.5	58.8	58.8	58.8	58.8	58.8	58.8	58.8
GE 6000		47.6	51.5	54.6	56.8	57.0	58.5	58.7	59.0	59.3	59.3	59.3	59.3	59.3	59.3	59.3
GE 5000		49.8	54.0	57.3	59.5	59.7	61.2	61.5	61.7	62.0	62.0	62.0	62.0	62.0	62.0	62.0
GE 4500		53.5	57.8	61.6	63.7	64.0	65.6	65.8	66.1	66.4	66.4	66.4	66.4	66.4	66.4	66.4
GE 4000		60.6	65.9	70.6	72.9	73.1	74.8	75.0	75.4	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 3500		62.5	68.1	73.1	75.6	75.6	77.9	78.1	78.4	78.9	78.9	78.9	78.9	78.9	78.9	78.9
GE 3000		66.3	72.5	77.6	80.3	80.7	82.8	83.1	83.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 2500		67.9	74.5	80.1	83.0	83.4	85.6	85.8	86.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 2000		71.2	78.0	84.0	87.4	87.8	90.2	90.6	90.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 1800		71.2	78.2	84.3	87.6	88.1	90.4	90.6	91.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
GE 1500		72.3	79.7	86.2	89.6	90.0	92.5	93.1	93.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 1200		73.1	80.7	87.6	91.2	91.6	94.4	94.9	95.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 1000		73.7	81.4	88.7	92.3	92.7	95.4	96.0	96.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 900		73.9	81.7	89.1	92.7	93.2	95.9	96.7	97.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 800		74.2	81.9	89.4	92.9	93.4	96.1	97.0	97.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 700		74.3	82.0	89.5	93.1	93.5	96.3	97.2	97.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 600		74.3	82.0	89.5	93.1	93.5	96.3	97.2	97.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 500		74.3	82.0	89.6	93.5	93.9	97.0	97.8	98.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 400		74.3	82.0	89.8	93.5	93.9	97.0	97.8	98.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 300		74.3	82.0	89.8	93.5	93.9	97.0	97.8	98.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 200		74.3	82.0	89.8	93.5	93.9	97.0	97.8	98.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 100		74.3	82.0	89.8	93.5	93.9	97.0	97.8	98.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 0		74.3	82.0	89.8	93.5	93.9	97.0	97.8	98.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS: 921

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VISIBILITY  
FROM HOURLY OBSERVATION

STATION NUMBER: 035432 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 77-80  
MONTHS: 001 HOURS: 0001-2400

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GE 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 6	GE 4	GE 0
NO CEIL 1	37.5	39.6	41.8	43.4	43.5	44.7	45.9	45.9	46.8	47.0	47.1	47.7	47.8	47.9	48.2	
GE 20000	41.5	44.0	46.3	47.9	48.0	49.3	50.5	50.6	51.9	52.1	52.2	52.6	53.0	53.1	53.6	
GE 18000	41.6	44.1	46.4	48.0	48.1	49.4	50.6	50.7	52.0	52.2	52.3	52.7	53.1	53.2	53.7	
GE 16000	41.6	44.1	46.4	48.0	48.1	49.4	50.6	50.7	52.0	52.2	52.3	52.7	53.1	53.2	53.7	
GE 14000	41.6	44.1	46.4	48.0	48.1	49.4	50.6	50.7	52.0	52.2	52.3	52.7	53.1	53.2	53.7	
GE 12000	41.7	44.3	46.6	48.2	48.3	49.6	50.8	50.9	52.2	52.4	52.6	52.9	53.3	53.4	53.9	
GE 10000	44.2	46.8	49.1	50.7	50.8	52.1	53.3	53.4	54.7	54.9	55.0	55.4	55.7	55.9	56.1	
GE 9000	45.0	47.9	50.2	51.8	51.9	53.2	54.4	54.5	55.8	56.0	56.1	56.5	56.9	57.0	57.3	
GE 8000	47.3	50.5	53.3	54.9	55.0	56.5	57.7	57.8	59.1	59.3	59.4	59.7	60.2	60.3	60.6	
GE 7000	48.2	51.4	54.3	55.9	56.0	57.4	58.6	58.7	60.0	60.3	60.4	60.7	61.1	61.2	61.5	
GE 6000	48.9	52.3	55.6	57.2	57.3	58.7	59.9	60.0	61.3	61.6	61.7	62.0	62.4	62.5	62.8	
GE 5000	50.5	54.1	57.4	59.1	59.2	60.6	61.8	61.9	63.2	63.4	63.5	63.8	64.3	64.4	64.7	
GE 4500	52.9	56.6	60.3	61.9	62.0	63.4	64.6	64.7	66.0	66.2	66.3	66.7	67.1	67.2	67.5	
GE 4000	58.2	62.9	67.3	69.2	69.3	70.7	71.9	72.0	73.4	73.6	73.7	74.0	74.5	74.6	75.1	
GE 3500	60.8	65.7	70.2	72.3	72.4	74.0	75.2	75.4	76.8	77.0	77.1	77.4	77.9	78.0	78.5	
GE 3000	63.5	69.2	74.2	76.4	76.5	78.2	79.4	79.5	80.9	81.1	81.2	81.5	82.0	82.1	82.6	
GE 2500	64.7	70.6	76.0	78.4	78.5	80.5	81.7	81.8	83.2	83.4	83.5	83.8	84.3	84.4	84.9	
GE 2000	64.0	74.6	80.9	83.8	83.9	85.9	87.1	87.2	88.7	88.9	89.0	89.4	89.8	89.9	90.4	
GE 1800	68.0	74.6	80.9	83.8	83.9	85.9	87.1	87.2	88.7	88.9	89.0	89.4	89.8	89.9	90.4	
GE 1500	65.3	76.3	82.7	85.8	85.9	87.8	89.0	89.1	90.4	91.1	91.2	91.5	92.0	92.1	92.6	
GE 1200	69.9	77.5	83.9	87.0	87.1	89.1	90.3	90.4	92.2	92.5	92.6	92.9	93.4	93.5	94.0	
GE 1000	70.1	78.2	84.7	87.7	87.9	90.0	91.2	91.4	93.2	93.5	93.6	93.9	94.4	94.5	95.0	
GE 900	70.1	78.2	85.0	88.2	88.4	90.4	92.0	92.2	93.9	94.2	94.3	94.6	95.1	95.2	95.7	
GE 800	70.1	78.2	85.0	88.2	88.4	90.4	92.0	92.2	93.9	94.2	94.3	94.6	95.1	95.2	95.7	
GE 700	70.1	78.2	85.0	88.2	88.4	90.4	92.0	92.2	93.9	94.2	94.3	94.6	95.1	95.2	95.7	
GE 600	70.1	78.2	85.1	88.7	88.9	91.0	92.5	92.7	94.4	94.7	94.8	95.3	95.7	96.1	96.7	
GE 500	70.4	78.4	85.8	89.7	90.0	92.1	93.6	93.8	96.0	96.3	96.4	96.7	97.2	97.3	97.9	
GE 400	70.4	78.4	86.0	89.9	90.2	92.3	93.9	94.1	96.3	96.6	96.7	97.1	97.5	97.7	98.4	
GE 300	70.4	78.4	86.0	89.9	90.2	92.3	93.9	94.2	96.4	96.7	96.8	97.2	97.6	97.8	98.6	
GE 200	70.4	78.4	86.0	89.9	90.2	92.3	93.9	94.2	96.4	96.7	96.8	97.2	97.6	97.9	98.6	
GE 100	70.4	78.4	86.0	89.9	90.2	92.3	93.9	94.2	96.4	96.7	96.8	97.2	97.6	97.9	98.6	
GE 0	70.4	78.4	86.0	89.9	90.2	92.3	93.9	94.2	96.4	96.7	96.8	97.2	97.6	97.9	98.6	

TOTAL NUMBER OF OBSERVATIONS: 921

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035933 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 77-HR  
MONTH: OCT HOURS(EST): ALL

CEILING IN FEET	GT 160	VISIBILITY IN HUNDREDS OF METERS															
		GE 90	GE 90	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 6	GE 4	GE 3	GE 2
NO CEIL		29.5	32.2	35.3	36.7	37.0	38.1	38.9	39.0	39.3	39.6	39.7	39.8	40.0	40.4	41.1	
GE 20000		35.0	38.0	41.6	43.2	43.5	44.6	45.5	45.6	46.1	46.3	46.5	46.6	46.9	47.1	47.2	47.3
GE 18000		35.2	38.3	41.9	43.4	43.7	44.9	45.7	45.9	46.4	46.6	46.7	46.9	47.1	47.2	47.3	47.4
GE 16000		35.3	38.4	42.0	43.5	43.8	45.0	45.6	45.9	46.5	46.7	46.8	46.9	47.2	47.3	47.4	47.5
GE 14000		35.4	38.4	42.0	43.6	43.9	45.0	45.9	46.0	46.5	46.7	46.8	47.0	47.2	47.3	47.4	47.5
GE 12000		35.5	38.6	42.2	43.8	44.1	45.2	46.1	46.2	46.7	46.9	47.1	47.2	47.5	47.6	47.7	47.8
GE 10000		37.4	40.6	44.4	46.0	46.3	47.5	48.4	48.6	49.1	49.3	49.4	49.6	49.8	50.1	50.2	50.3
GE 9000		38.1	41.3	45.2	46.8	47.1	48.3	49.2	49.3	49.9	50.1	50.2	50.4	50.6	50.9	51.2	51.3
GE 8000		41.6	45.2	49.5	51.3	51.7	52.9	53.8	54.0	54.6	54.9	55.1	55.4	55.7	56.0	56.3	56.6
GE 7000		42.6	46.2	50.5	52.3	52.7	53.9	54.9	55.0	55.7	55.9	56.1	56.2	56.5	56.8	57.1	57.4
GE 6000		42.9	46.6	51.0	52.6	53.2	54.4	55.4	55.5	56.2	56.5	56.6	56.7	57.0	57.3	57.6	57.9
GE 5000		44.9	48.7	53.2	55.1	55.5	56.8	57.7	57.9	58.6	58.9	59.0	59.1	59.4	59.7	60.0	60.3
GE 4500		47.6	51.9	57.0	59.0	59.4	60.7	61.6	61.8	62.5	62.9	63.0	63.2	63.5	63.8	64.1	64.4
GE 4000		51.3	56.2	64.3	66.5	67.0	68.3	69.3	69.5	70.3	70.6	70.8	70.9	71.2	71.5	71.8	72.1
GE 3500		56.5	61.6	68.1	70.6	71.1	72.6	73.7	73.8	74.7	74.9	75.0	75.2	75.5	75.8	76.1	76.4
GE 3000		60.3	65.6	72.9	75.8	76.3	77.9	78.9	79.1	80.1	80.4	80.5	80.7	81.0	81.3	81.6	81.9
GE 2500		61.6	67.4	74.9	78.0	78.5	80.2	81.3	81.6	82.5	82.8	83.0	83.1	83.4	83.7	84.0	84.3
GE 2000		64.4	70.5	78.5	81.9	82.5	84.3	85.5	85.7	86.6	87.1	87.3	87.4	87.7	88.0	88.3	88.6
GE 1800		66.5	72.7	80.7	84.1	84.7	86.6	87.8	88.1	89.1	89.4	89.5	89.7	90.0	90.3	90.6	90.9
GE 1600		65.7	72.3	80.6	84.4	84.9	86.9	88.2	88.5	89.5	89.8	90.1	90.2	90.5	90.8	91.1	91.4
GE 1400		66.5	73.4	82.1	85.7	86.3	88.4	89.7	90.0	91.1	91.5	91.7	91.8	92.1	92.4	92.7	93.0
GE 1200		66.9	73.6	82.6	86.6	87.2	89.3	90.6	90.9	92.2	92.6	92.8	92.9	93.3	93.6	93.9	94.2
GE 1000		66.9	73.9	83.1	86.4	87.5	89.7	91.1	91.4	92.7	93.1	93.3	93.4	93.8	94.1	94.4	94.7
GE 900		67.0	74.1	83.4	87.3	87.9	90.1	91.6	91.9	93.2	93.7	93.9	94.0	94.4	94.7	95.0	95.3
GE 800		67.1	74.2	83.7	87.7	88.3	90.6	92.1	92.4	93.8	94.3	94.5	94.6	95.0	95.3	95.6	95.9
GE 700		67.1	74.2	83.9	87.9	88.6	90.9	92.4	92.7	94.1	94.6	94.8	94.9	95.3	95.6	95.9	96.2
GE 600		67.1	74.3	84.3	88.4	89.1	91.5	93.1	93.4	94.8	95.3	95.5	95.6	96.0	96.3	96.6	96.9
GE 500		67.1	74.3	84.3	88.4	89.1	91.5	93.1	93.4	94.8	95.3	95.5	95.6	96.0	96.3	96.6	96.9
GE 400		67.1	74.3	84.4	88.6	89.3	91.8	93.4	93.7	95.1	95.6	95.8	95.9	96.3	96.6	96.9	97.2
GE 300		67.1	74.3	84.4	88.6	89.3	91.8	93.4	93.7	95.1	95.6	95.8	95.9	96.3	96.6	96.9	97.2
GE 200		67.1	74.3	84.4	88.6	89.3	91.8	93.4	93.7	95.1	95.6	95.8	95.9	96.3	96.6	96.9	97.2
GE 100		67.1	74.3	84.4	88.6	89.3	91.8	93.4	93.7	95.1	95.6	95.8	95.9	96.3	96.6	96.9	97.2
GE 0		67.2	74.3	84.4	88.6	89.3	91.8	93.4	93.7	95.1	95.6	95.8	95.9	96.3	96.6	96.9	97.2

TOTAL NUMBER OF OBSERVATIONS: 7374

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING AND VISIBILITY  
FROM FOURLY OBSERVATIONS

STATION NUMBER: 025833 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 17-YR  
MONTH: NOV RECORDING: 0100-0100

CEILING IN FEET	1 160	5T 90	GE 90	GE 90	GE 60	GE 48	GE 40	GE 32	GE 24	GE 16	GE 12	GE 10	GE 8	GE 6	GE 4	GE 3	GE 2
NO CEIL	1		32.0	34.2	35.7	36.7	36.4	36.7	36.2	36.7	36.4	40.0	40.0	40.0	40.0	40.0	40.0
GE 20000			35.1	37.5	39.2	40.4	40.6	42.0	43.0	43.0	43.0	44.0	44.0	44.0	44.0	44.0	44.0
GE 18000			35.1	37.5	39.2	40.4	40.6	42.0	43.0	43.0	43.0	44.0	44.0	44.0	44.0	44.0	44.0
GE 16000			35.1	37.5	39.2	40.4	40.6	42.0	43.0	43.0	43.0	44.0	44.0	44.0	44.0	44.0	44.0
GE 14000			35.1	37.5	39.2	40.4	40.6	42.0	43.0	43.0	43.0	44.0	44.0	44.0	44.0	44.0	44.0
GE 12000			35.1	37.5	39.2	40.4	40.6	42.0	43.0	43.0	43.0	44.0	44.0	44.0	44.0	44.0	44.0
GE 10000			35.8	38.2	40.0	41.2	41.4	42.4	43.6	43.6	44.7	44.7	44.7	44.7	44.7	44.7	44.7
GE 9000			35.9	38.8	40.6	41.7	42.0	43.1	44.4	44.4	45.7	45.7	45.7	45.7	45.7	45.7	45.7
GE 8000			38.5	41.4	43.3	44.5	44.8	46.4	47.5	47.5	48.4	48.4	48.4	48.4	48.4	48.4	48.4
GE 7000			38.9	41.7	43.7	44.8	45.2	46.8	47.8	47.8	48.7	48.7	48.7	48.7	48.7	48.7	48.7
GE 6000			39.3	42.2	44.2	45.3	45.6	47.2	48.3	48.3	49.2	49.2	49.2	49.2	49.2	49.2	49.2
GE 5000			42.4	45.3	47.5	48.6	49.0	50.7	51.7	51.7	52.6	52.6	52.6	52.6	52.6	52.6	52.6
GE 4500			47.6	51.5	53.8	55.0	55.0	57.1	58.1	58.1	59.1	59.2	59.2	59.2	59.2	59.2	59.2
GE 4000			53.7	57.8	60.4	61.7	62.2	64.0	65.0	65.0	66.4	66.4	66.4	66.4	66.4	66.4	66.4
GE 3500			57.7	61.9	65.0	66.4	67.0	69.9	70.1	70.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
GE 3000			60.3	64.9	68.1	69.6	70.4	72.4	73.6	73.6	74.4	74.4	74.4	74.4	74.4	74.4	74.4
GE 2500			63.4	68.0	71.2	72.7	73.5	75.6	76.8	77.1	78.1	78.2	78.2	78.2	78.2	78.2	78.2
GE 2000			67.8	72.9	76.2	78.1	79.2	81.5	82.8	83.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 1800			67.8	72.9	76.2	78.1	79.2	81.5	82.8	83.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 1600			69.5	74.6	78.7	80.2	81.3	83.6	84.9	85.2	86.4	86.7	86.7	86.7	86.7	86.7	86.7
GE 1400			71.1	76.7	81.1	82.7	83.9	86.2	87.5	87.8	89.2	89.3	89.3	89.3	89.3	89.3	89.3
GE 1200			71.7	77.3	81.7	83.4	84.7	87.2	88.4	88.6	89.6	90.3	90.4	90.6	90.7	90.8	91.4
GE 1000			71.8	77.4	81.8	83.5	84.9	87.3	88.5	88.8	89.8	90.5	90.6	90.7	90.8	90.9	91.5
GE 900			71.9	77.5	82.2	84.1	85.4	87.8	89.1	89.4	90.4	91.2	91.3	91.5	91.6	91.7	92.3
GE 800			71.9	77.6	82.6	84.4	85.9	88.7	89.6	89.9	91.2	91.6	91.7	92.0	92.1	92.2	92.8
GE 700			72.0	78.1	82.0	84.4	86.4	89.0	90.4	90.7	92.7	92.7	92.7	92.8	93.0	93.1	93.8
GE 600			72.0	78.1	83.1	85.1	86.4	89.6	90.4	91.7	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 500			72.0	78.1	83.1	85.1	86.4	89.6	90.4	91.7	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 400			72.0	78.1	83.1	85.1	86.4	89.6	90.4	91.7	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 300			72.0	78.1	83.1	85.1	86.4	89.6	90.4	91.7	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 200			72.0	78.1	83.1	85.1	86.4	89.6	90.4	91.7	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 100			72.0	78.1	83.1	85.1	86.4	89.6	90.4	91.7	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 0			72.0	78.1	83.1	85.1	86.4	89.6	90.4	91.7	93.2	93.2	93.2	93.2	93.2	93.2	93.2

TOTAL NUMBER OF OBSERVATIONS: 472

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 075833 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 77-88  
MONTH: NOV HOUR/CELT: 0100-0100

CEILING		VISIBILITY IN HUNDREDS OF METERS																	
IN	FEET	1	57	90	80	60	45	30	15	10	5	3	2	1	1/2	1/4	1/8	1/16	1/32
NO	CEIL	1																	
				29.7	30.7	32.3	33.1	33.4	34.9	35.4	35.4	35.5	36.0	36.1	36.1	36.1	36.1	36.1	37.7
GE	20000			33.6	34.6	36.2	37.0	37.4	38.9	39.3	39.3	39.4	39.9	40.0	40.0	40.0	40.0	40.0	41.0
GE	18000			33.6	34.6	36.2	37.0	37.4	38.9	39.3	39.3	39.4	39.9	40.0	40.0	40.0	40.0	40.0	41.0
GE	16000			33.6	34.6	36.2	37.0	37.4	38.9	39.3	39.3	39.4	39.9	40.0	40.0	40.0	40.0	40.0	41.0
GE	14000			33.6	34.6	36.2	37.0	37.4	38.9	39.3	39.3	39.4	39.9	40.0	40.0	40.0	40.0	40.0	41.0
GE	12000			33.6	34.6	36.2	37.0	37.4	38.9	39.3	39.3	39.4	39.9	40.0	40.0	40.0	40.0	40.0	41.0
GE	10000			34.4	35.5	37.1	37.9	38.3	39.8	40.2	40.2	40.3	40.8	40.9	40.9	40.9	40.9	40.9	41.7
GE	9000			35.1	36.3	38.0	39.1	39.4	40.9	41.4	41.4	41.5	42.0	42.1	42.1	42.1	42.1	42.1	42.7
GE	8000			36.2	37.5	41.4	42.6	43.0	44.6	45.1	45.1	45.2	45.7	45.7	45.7	45.7	45.7	45.7	47.4
GE	7000			38.7	40.1	42.0	43.2	43.6	45.2	45.6	45.6	45.7	46.2	46.3	46.3	46.3	46.3	46.3	47.7
GE	6000			39.4	40.8	42.6	43.9	44.3	45.9	46.3	46.3	46.4	46.9	47.0	47.0	47.0	47.0	47.0	48.6
GE	5000			41.5	42.9	44.8	46.2	46.6	48.6	49.1	49.1	49.2	49.7	49.8	49.8	49.8	49.8	49.8	51.4
GE	4500			45.9	48.3	50.2	51.7	52.1	54.4	54.8	54.8	54.9	55.4	55.5	55.5	55.5	55.5	55.5	57.1
GE	4000			52.4	55.2	58.3	60.0	60.5	62.9	63.3	63.4	63.5	64.3	64.4	64.4	64.4	64.4	64.4	66.0
GE	3500			54.4	57.1	60.3	62.6	63.3	65.7	66.2	66.3	66.7	67.1	67.2	67.2	67.2	67.2	67.2	68.9
GE	3000			57.4	60.1	64.5	66.3	67.2	69.9	70.5	70.7	71.0	71.5	71.6	71.6	71.6	71.6	71.6	73.1
GE	2500			59.5	62.3	66.9	68.7	69.7	72.3	72.9	73.1	73.4	73.9	74.0	74.0	74.0	74.0	74.0	75.5
GE	2000			63.8	66.9	72.0	73.9	74.9	77.6	78.2	78.4	78.7	79.3	79.4	79.4	79.4	79.4	79.4	81.0
GE	1800			64.5	67.6	73.1	75.1	76.1	78.7	79.3	79.5	79.8	80.5	80.6	80.6	80.6	80.6	80.6	82.2
GE	1600			67.4	71.1	77.4	79.3	80.3	83.0	83.6	84.0	84.4	84.9	85.2	85.2	85.2	85.2	85.2	86.8
GE	1400			69.2	73.3	79.6	81.7	82.8	85.7	86.4	86.6	87.2	87.8	88.0	88.0	88.0	88.0	88.0	89.7
GE	1200			69.4	73.7	80.1	82.1	83.2	86.3	87.2	87.7	88.3	88.9	89.2	89.2	89.2	89.2	89.2	90.7
GE	1000			69.5	73.8	80.2	82.2	83.3	86.4	87.4	87.9	88.5	89.1	89.4	89.4	89.4	89.4	89.4	91.0
GE	900			69.9	74.5	81.0	83.0	84.1	87.2	88.2	88.6	89.2	89.8	90.0	90.0	90.0	90.0	90.0	91.6
GE	800			70.0	74.6	81.5	83.7	84.9	88.2	89.2	89.7	90.3	90.9	91.3	91.3	91.3	91.3	91.3	92.9
GE	700			70.3	74.9	82.1	84.3	85.5	88.9	89.9	90.3	91.0	91.6	91.8	91.8	91.8	91.8	91.8	93.4
GE	600			70.3	74.9	82.1	84.3	85.5	88.9	89.9	90.3	91.0	91.6	91.8	91.8	91.8	91.8	91.8	93.4
GE	500			70.3	74.9	82.1	84.3	85.5	88.9	89.9	90.3	91.0	91.6	91.8	91.8	91.8	91.8	91.8	93.4
GE	400			70.3	74.9	82.1	84.3	85.5	88.9	89.9	90.3	91.0	91.6	91.8	91.8	91.8	91.8	91.8	93.4
GE	300			70.3	74.9	82.1	84.3	85.5	88.9	89.9	90.3	91.0	91.6	91.8	91.8	91.8	91.8	91.8	93.4
GE	200			70.3	74.9	82.1	84.3	85.5	88.9	89.9	90.3	91.0	91.6	91.8	91.8	91.8	91.8	91.8	93.4
GE	100			70.3	74.9	82.1	84.3	85.5	88.9	89.9	90.3	91.0	91.6	91.8	91.8	91.8	91.8	91.8	93.4
GE	0			70.3	74.9	82.1	84.3	85.5	88.9	89.9	90.3	91.0	91.6	91.8	91.8	91.8	91.8	91.8	93.4

TOTAL NUMBER OF OBSERVATIONS: 970

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM FOURLY OBSERVATIONS

STATION NUMBER: 075833 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 77-PY  
MONTH: NOV HOURS (EST): 0750-0700

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN FEET		GT 160	GE 90	GE 90	GF 60	GE 40	GF 40	GE 32	GF 24	GE 20	GF 16	GE 12	GF 10	GE 8	GF 6	GF 4	GF 2
NO CEIL	1		20.9	22.0	24.1	25.1	25.3	26.3	27.5	27.5	27.7	27.7	27.8	27.4	28.0	28.4	28.0
GE 20000			24.9	26.4	26.6	29.5	29.6	30.8	32.0	32.0	32.2	32.4	32.5	32.5	32.5	32.2	32.4
GE 18000			24.9	26.4	26.6	29.5	29.8	30.8	32.0	32.0	32.3	32.4	32.5	32.5	32.5	32.2	32.4
GE 16000			25.1	26.6	26.7	29.7	29.9	30.9	32.1	32.1	32.4	32.5	32.6	32.6	32.6	32.3	32.0
GE 14000			25.2	26.7	26.9	29.8	29.8	30.0	31.0	32.2	32.0	32.5	32.6	32.6	32.6	32.3	32.4
GE 12000			25.2	26.7	26.9	29.8	29.8	30.0	31.0	32.2	32.2	32.5	32.6	32.6	32.6	32.3	32.4
GE 10000			26.6	28.3	30.2	31.1	31.4	32.4	33.6	33.6	33.9	34.0	34.1	34.1	34.4	34.4	34.4
GE 9000			28.0	29.5	31.7	32.6	33.0	34.0	35.2	35.2	35.2	35.6	35.7	35.7	35.7	35.7	35.7
GE 8000			32.8	34.5	36.9	38.2	38.5	39.8	40.9	40.9	41.7	41.4	41.5	41.5	41.7	41.7	41.7
GE 7000			33.8	35.6	38.2	39.4	39.8	41.0	42.2	42.2	42.5	42.6	42.6	42.6	42.6	42.6	42.6
GE 6000			34.0	35.9	38.4	39.7	40.0	41.2	42.5	42.5	42.9	43.0	43.1	43.1	43.3	43.3	43.3
GE 5000			37.0	39.0	41.6	42.9	43.2	44.7	46.0	46.0	46.3	46.6	46.7	46.7	46.9	47.1	47.1
GE 4500			42.1	44.7	47.7	49.0	49.3	51.0	52.3	52.3	52.6	52.9	53.0	53.0	53.2	53.5	53.5
GE 4000			50.3	53.6	56.8	58.2	58.5	60.3	61.6	61.6	62.3	62.5	62.6	62.6	62.7	62.9	62.9
GE 3500			53.9	57.1	60.9	62.4	62.8	64.6	66.1	66.1	66.5	66.8	66.9	66.9	67.1	67.7	67.7
GE 3000			56.1	59.5	63.9	65.7	66.1	68.2	69.7	69.7	70.1	70.3	70.5	70.5	70.7	71.1	71.1
GE 2500			58.3	62.2	66.8	68.9	69.3	71.4	73.0	73.0	73.4	73.7	73.8	73.8	74.0	74.4	74.4
GE 2000			60.6	64.6	69.5	72.2	72.6	75.4	77.2	77.2	77.9	78.2	78.3	78.3	78.5	78.9	78.9
GE 1800			61.4	65.4	70.8	73.4	73.9	76.7	78.5	78.5	79.2	79.4	79.5	79.5	79.6	80.3	80.3
GE 1600			64.6	68.7	74.4	77.4	77.8	80.6	82.4	82.4	83.2	83.4	83.6	83.6	83.8	84.4	84.4
GE 1400			66.0	70.7	76.3	79.3	79.9	82.8	84.6	84.6	85.4	85.6	85.7	85.7	86.0	86.6	86.6
GE 1200			66.1	70.9	76.8	80.1	80.6	83.8	85.7	85.7	86.7	86.9	87.0	87.0	87.1	87.4	87.4
GE 900			66.2	71.0	77.0	80.3	81.0	84.3	86.2	86.2	87.1	87.4	87.5	87.5	87.7	88.1	88.1
GE 800			66.4	71.4	77.9	81.6	82.3	85.6	87.6	87.6	88.5	88.7	88.9	88.9	89.1	89.7	89.7
GE 700			66.4	71.5	78.6	82.2	83.1	86.7	88.6	88.6	89.5	89.7	89.9	89.9	90.1	90.7	90.7
GE 600			66.4	71.6	78.9	82.6	83.4	87.0	88.9	88.9	89.8	90.0	90.2	90.2	90.4	91.0	91.0
GE 500			66.6	71.8	79.2	83.3	84.3	88.0	90.6	90.6	92.1	92.3	92.4	92.4	92.6	93.2	93.2
GE 400			66.6	71.8	79.3	83.7	84.7	88.9	91.4	91.4	93.0	93.2	93.3	93.3	93.6	94.1	94.1
GE 300			66.6	71.8	79.3	83.7	84.7	89.0	91.5	91.5	93.1	93.3	93.4	93.4	93.7	94.3	94.3
GE 200			66.6	71.8	79.3	83.7	84.7	89.0	91.5	91.5	93.1	93.3	93.4	93.4	93.7	94.3	94.3
GE 100			66.6	71.8	79.3	83.7	84.7	89.0	91.5	91.5	93.1	93.3	93.4	93.4	93.7	94.3	94.3
GE	01		66.6	71.8	79.3	83.7	84.7	89.0	91.5	91.6	93.4	94.1	94.6	94.9	95.5	97.2	100.0

TOTAL NUMBER OF OBSERVATIONS: 870

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM FOURLY OBSERVATIONS

STATION NUMBER: 035932 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 77-84  
MONTH: NOV HOURS (LST): 0900-1100

CEILING IN FEET	GT 160	GF 90	GE 80	GE 60	GE 48	GE 40	VISIBILITY IN HUNDREDS OF METERS										GT 10	GE 8	GE 5	GE 4	GE 3
							GE 32	GF 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 3					
NO CEIL		20.4	21.2	24.3	25.7	25.6	26.6	27.2	27.5	27.6	27.6	27.6	27.6	27.9	28.0	28.0					
GE 20000		27.6	28.9	32.5	33.8	33.9	34.9	35.6	35.9	36.0	36.0	36.0	36.0	36.7	36.9	36.9					
GE 18000		27.8	28.9	32.6	33.9	34.1	35.0	35.7	36.0	36.1	36.1	36.1	36.1	36.4	36.4	36.4					
GE 16000		27.8	28.9	32.6	33.9	34.1	35.0	35.7	36.0	36.1	36.1	36.1	36.1	36.4	36.4	36.4					
GE 14000		27.9	29.0	32.7	34.1	34.2	35.1	35.6	36.1	36.2	36.2	36.2	36.2	36.5	36.5	36.5					
GE 12000		27.9	29.0	32.7	34.1	34.2	35.1	35.6	36.1	36.2	36.2	36.2	36.2	36.5	36.5	36.5					
GE 10000		29.8	31.0	34.6	36.0	36.1	37.0	37.7	38.1	38.2	38.2	38.2	38.2	38.4	38.4	38.4					
GE 9000		30.5	31.7	35.3	36.7	36.8	37.7	38.4	38.9	38.9	38.9	38.9	38.9	39.1	39.1	39.1					
GE 8000		37.0	38.8	43.1	44.5	44.6	45.6	46.6	46.9	47.0	47.0	47.0	47.0	47.2	47.2	47.2					
GE 7000		38.3	40.0	44.5	45.9	46.0	47.0	47.9	48.3	48.4	48.4	48.4	48.4	48.6	48.6	48.6					
GE 6000		38.6	40.4	44.8	46.2	46.3	47.4	48.3	48.6	48.6	48.6	48.6	48.6	48.9	48.9	48.9					
GE 5000		40.4	42.2	46.7	49.2	49.3	49.3	50.2	50.6	50.9	50.9	50.9	50.9	51.0	51.0	51.0					
GE 4500		45.1	47.8	52.4	54.0	54.1	55.6	56.5	56.9	57.2	57.2	57.2	57.2	57.3	57.3	57.3					
GE 4000		50.7	53.7	58.5	60.1	60.3	62.0	63.1	63.4	63.6	63.6	63.6	63.6	63.9	63.9	63.9					
GE 3500		53.7	57.1	62.7	64.9	65.1	66.9	68.1	68.5	68.6	68.6	68.6	68.6	68.9	68.9	68.9					
GE 3000		57.7	61.5	67.4	70.1	70.3	72.4	73.6	74.0	74.3	74.3	74.3	74.3	74.4	74.4	74.4					
GE 2500		58.6	62.5	68.6	71.3	71.6	73.7	75.0	75.0	75.0	75.0	75.0	75.0	75.4	75.4	75.4					
GE 2000		61.4	65.4	72.7	75.8	76.1	78.8	80.2	80.5	81.2	81.2	81.2	81.2	81.4	81.4	81.4					
GE 1800		61.5	65.9	73.1	76.1	76.5	79.1	80.6	81.0	81.7	81.7	81.7	81.7	81.9	81.9	81.9					
GE 1500		64.2	68.6	76.3	79.4	80.4	83.1	84.6	85.0	85.7	85.7	85.7	85.7	85.9	85.9	85.9					
GE 1200		64.9	70.1	77.6	82.0	82.5	85.4	86.9	87.3	88.0	88.0	88.0	88.0	88.2	88.2	88.2					
GE 1000		65.1	70.4	78.3	82.8	83.6	86.8	88.4	88.8	89.4	89.4	89.4	89.4	89.7	89.9	89.9					
GE 900		65.3	70.5	78.6	83.4	84.2	87.6	89.2	89.6	90.5	90.5	90.5	90.5	90.7	90.9	90.9					
GE 800		65.3	70.5	79.2	84.1	84.9	88.3	90.1	90.5	91.5	91.5	91.5	91.5	91.6	91.6	91.6					
GE 700		65.6	70.7	79.7	84.5	85.3	89.1	90.9	91.3	92.3	92.3	92.3	92.3	92.7	92.7	92.7					
GE 600		65.6	70.7	79.9	84.7	85.6	89.3	91.4	91.7	92.8	92.8	92.8	92.8	93.1	93.1	93.1					
GE 500		65.6	70.7	80.0	85.2	86.0	89.9	92.1	92.5	93.7	93.7	93.7	93.7	94.0	94.4	94.4					
GE 400		65.6	70.7	80.4	85.7	86.5	90.4	92.5	93.0	94.3	94.3	94.3	94.3	94.6	95.0	95.0					
GE 300		65.6	70.7	80.4	85.7	86.5	90.4	92.5	93.1	94.0	94.0	94.0	94.0	94.1	94.8	94.8					
GE 200		65.6	70.7	80.4	85.7	86.5	90.4	92.5	93.1	94.0	94.0	94.0	94.0	94.3	94.7	94.7					
GE 100		65.6	70.7	80.4	85.7	86.5	90.4	92.5	93.1	94.0	94.0	94.0	94.0	94.3	94.7	94.7					
GE 0		65.6	70.7	80.4	85.7	86.5	90.4	92.5	93.1	94.0	94.0	94.0	94.0	94.3	94.7	94.7					

TOTAL NUMBER OF OBSERVATIONS: 470



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035833 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 77-84  
MONTH: NOV HOURS(EST): 1200-1400

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GE 160	GE 90	GE 90	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 6	GE 4	GE 0
NO CEIL		22.9	25.5	27.2	27.5	27.5	28.0	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.4	28.4
GE 20000		31.7	33.6	36.1	36.4	36.4	36.9	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.4
GE 18000		32.0	33.8	36.3	36.6	36.6	37.1	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.4	37.7
GE 16000		32.0	33.6	36.3	36.6	36.6	37.1	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.4	37.7
GE 14000		32.1	33.9	36.4	36.8	36.8	37.2	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.7	37.9
GE 12000		32.4	34.2	36.6	37.1	37.1	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.7	38.1
GE 10000		32.6	34.4	37.0	38.2	38.4	38.8	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.4	39.7
GE 9000		34.8	36.6	39.3	39.6	39.7	40.2	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.8	41.1
GE 8000		41.3	43.6	47.1	47.6	47.7	48.2	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.8	49.1
GE 7000		46.9	45.2	48.7	49.2	49.3	49.5	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.4	50.7
GE 6000		43.6	45.9	49.4	49.9	50.0	50.5	50.9	50.9	50.9	50.9	51.0	51.0	51.0	51.1	51.4
GE 5000		45.4	48.1	51.6	52.1	52.2	52.6	53.1	53.1	53.1	53.1	53.2	53.2	53.2	53.4	53.7
GE 4500		44.2	51.9	55.9	56.5	56.6	57.3	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.7	57.9
GE 4000		54.9	57.6	62.0	62.8	62.9	63.7	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.4	64.7
GE 3500		54.6	62.7	67.0	68.2	68.3	69.1	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.7	70.1
GE 3000		57.4	67.7	72.3	73.4	74.0	74.5	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.4	75.7
GE 2500		55.5	70.0	74.7	76.5	76.6	77.4	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.1	78.4
GE 2000		57.6	74.3	79.5	81.3	81.4	82.2	83.4	83.6	83.6	83.6	83.6	83.6	83.6	83.7	84.1
GE 1800		57.3	75.1	82.4	82.2	82.3	83.7	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.6	84.9
GE 1600		57.8	77.1	83.0	85.3	85.4	86.1	87.7	87.6	87.6	87.6	87.6	87.6	87.6	87.7	88.1
GE 1400		57.5	79.1	85.6	88.2	88.4	89.8	90.6	91.4	91.4	91.4	91.4	91.4	91.4	91.5	91.9
GE 1200		57.6	79.2	86.0	88.7	88.6	90.5	91.6	91.7	92.2	92.4	92.3	92.7	92.7	92.7	93.0
GE 1000		57.6	79.2	86.0	89.0	89.2	91.1	92.1	92.2	92.9	93.0	93.4	93.4	93.4	93.5	93.7
GE 900		57.6	79.2	86.0	89.4	89.5	91.6	92.7	92.7	93.7	93.7	94.0	94.3	94.4	94.4	94.7
GE 800		57.6	79.2	86.3	89.6	89.7	91.8	93.2	93.4	94.2	94.4	94.7	94.7	94.7	94.8	95.1
GE 700		57.6	79.5	86.5	90.0	90.1	92.0	93.6	94.3	95.1	95.3	95.6	95.6	95.6	95.7	96.1
GE 600		57.6	79.5	86.5	90.0	90.1	92.0	93.6	94.3	95.1	95.3	95.6	95.6	95.6	95.7	96.1
GE 500		57.6	79.5	86.5	90.0	90.1	92.0	93.6	94.3	95.1	95.3	95.6	95.6	95.6	95.7	96.1
GE 400		57.6	79.5	86.5	90.0	90.1	92.0	93.6	94.3	95.1	95.3	95.6	95.6	95.6	95.7	96.1
GE 300		57.6	79.5	86.5	90.0	90.1	92.0	93.6	94.3	95.1	95.3	95.6	95.6	95.6	95.7	96.1
GE 200		57.6	79.5	86.5	90.0	90.1	92.0	93.6	94.3	95.1	95.3	95.6	95.6	95.6	95.7	96.1
GE 100		57.6	79.5	86.5	90.0	90.1	92.0	93.6	94.3	95.1	95.3	95.6	95.6	95.6	95.7	96.1
GE 0		57.6	79.5	86.5	90.0	90.1	92.0	93.6	94.3	95.1	95.3	95.6	95.6	95.6	95.7	96.1

TOTAL NUMBER OF OBSERVATIONS: 876

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 01833 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 77-78  
MONTH: NOV FOURCENTIES: 1977-1978

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	FEET	160	90	80	60	48	40	32	24	20	16	12	10	8	6	4	2
NO CEIL	1	72.7	24.0	25.5	25.6	25.6	26.5	26.6	26.7	26.9	27.0	27.3	27.3	27.3	27.3	27.3	27.3
GE 2000	1	28.0	29.7	32.0	32.4	32.4	33.1	33.2	33.3	33.6	33.8	33.9	33.9	33.9	33.9	33.9	33.9
GE 1800	1	28.4	29.9	32.2	32.6	32.6	33.3	33.4	33.6	33.8	34.0	34.1	34.1	34.1	34.1	34.1	34.1
GE 1600	1	28.4	29.9	32.2	32.6	32.6	33.3	33.4	33.6	33.8	34.0	34.1	34.1	34.1	34.1	34.1	34.1
GE 1400	1	28.4	29.9	32.2	32.6	32.6	33.3	33.4	33.6	33.8	34.0	34.1	34.1	34.1	34.1	34.1	34.1
GE 1200	1	28.5	30.0	32.3	32.6	32.6	33.4	33.6	33.7	33.9	34.1	34.2	34.2	34.2	34.2	34.2	34.2
GE 1000	1	31.5	33.0	35.5	36.0	36.0	36.6	36.8	36.9	37.1	37.3	37.4	37.4	37.4	37.4	37.4	37.4
GE 900	1	33.1	34.9	37.3	37.8	37.8	38.5	38.6	38.7	38.9	39.2	39.3	39.3	39.3	39.3	39.3	39.3
GE 800	1	39.0	41.7	44.0	45.2	45.2	46.0	46.1	46.2	46.5	46.7	46.8	46.8	46.8	46.8	46.8	46.8
GE 700	1	40.6	43.5	46.5	47.0	47.0	47.8	47.9	48.1	48.3	48.5	48.6	48.6	48.6	48.6	48.6	48.6
GE 600	1	41.9	44.2	47.1	47.7	47.7	48.5	48.6	48.7	49.0	49.2	49.3	49.3	49.3	49.3	49.3	49.3
GE 500	1	43.6	46.0	50.5	51.1	51.1	51.9	52.1	52.2	52.4	52.6	52.7	52.7	52.7	52.7	52.7	52.7
GE 450	1	47.0	50.9	54.0	55.7	55.7	56.7	56.8	57.0	57.2	57.4	57.5	57.5	57.5	57.5	57.5	57.5
GE 400	1	54.5	58.1	62.1	63.1	63.1	64.2	64.3	64.4	64.6	64.8	65.0	65.0	65.0	65.0	65.0	65.0
GE 350	1	60.0	64.2	68.6	69.7	69.7	70.8	71.0	71.1	71.3	71.6	71.7	71.7	71.7	71.7	71.7	71.7
GE 300	1	64.6	69.4	74.1	75.6	75.6	76.7	76.9	77.1	77.3	77.5	77.6	77.6	77.6	77.6	77.6	77.6
GE 250	1	66.9	71.8	76.7	78.4	78.4	79.5	79.9	80.0	80.3	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE 200	1	69.6	75.3	80.5	82.4	82.4	84.0	84.4	84.6	84.8	85.0	85.2	85.2	85.2	85.2	85.2	85.2
GE 180	1	69.7	75.6	81.3	83.2	83.2	84.8	85.2	85.4	85.6	85.8	86.0	86.0	86.0	86.0	86.0	86.0
GE 160	1	70.6	77.4	83.0	85.8	85.8	87.4	88.1	88.5	88.6	89.0	89.2	89.2	89.2	89.2	89.2	89.2
GE 140	1	72.7	79.3	85.7	88.1	88.1	90.1	90.9	91.3	91.7	92.0	92.2	92.4	92.4	92.4	92.4	92.4
GE 120	1	72.9	79.7	86.5	89.0	89.0	91.2	92.0	92.6	93.0	93.4	93.8	93.8	93.8	93.8	93.8	93.8
GE 100	1	72.9	79.7	86.5	89.0	89.0	91.2	92.0	92.6	93.0	93.4	93.8	93.8	93.8	93.8	93.8	93.8
GE 90	1	72.9	79.9	86.9	89.5	89.5	92.0	93.5	94.7	95.0	95.2	95.4	95.4	95.4	95.4	95.4	95.4
GE 80	1	72.9	79.9	86.9	89.5	89.5	92.0	93.5	94.7	95.0	95.2	95.4	95.4	95.4	95.4	95.4	95.4
GE 70	1	72.9	79.9	86.9	89.5	89.5	92.0	93.5	94.7	95.0	95.2	95.4	95.4	95.4	95.4	95.4	95.4
GE 60	1	72.9	79.9	86.9	89.5	89.5	92.0	93.5	94.7	95.0	95.2	95.4	95.4	95.4	95.4	95.4	95.4
GE 50	1	72.9	79.9	86.9	89.5	89.5	92.0	93.5	94.7	95.0	95.2	95.4	95.4	95.4	95.4	95.4	95.4
GE 40	1	72.9	79.9	86.9	89.5	89.5	92.0	93.5	94.7	95.0	95.2	95.4	95.4	95.4	95.4	95.4	95.4
GE 30	1	72.9	79.9	86.9	89.5	89.5	92.0	93.5	94.7	95.0	95.2	95.4	95.4	95.4	95.4	95.4	95.4
GE 20	1	72.9	79.9	86.9	89.5	89.5	92.0	93.5	94.7	95.0	95.2	95.4	95.4	95.4	95.4	95.4	95.4
GE 10	1	72.9	79.9	86.9	89.5	89.5	92.0	93.5	94.7	95.0	95.2	95.4	95.4	95.4	95.4	95.4	95.4

TOTAL NUMBER OF OBSERVATIONS: 976

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035833 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 77-84  
MONTH: NOV HOURS/DATE: 2400-0200

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 6	GE 4	GE 3
NO CEIL		29.6	31.2	32.8	33.9	34.0	34.6	35.0	35.0	35.4	35.5	35.6	35.6	35.6	35.7	35.7
GE 20000		12.1	34.0	36.2	37.6	37.7	38.4	38.8	38.8	39.2	39.3	39.4	39.4	39.4	39.4	39.4
GE 18000		12.1	34.0	36.2	37.6	37.7	38.4	38.8	38.8	39.2	39.3	39.4	39.4	39.4	39.4	39.4
GE 16000		12.1	34.0	36.2	37.6	37.7	38.4	38.8	38.8	39.2	39.3	39.4	39.4	39.4	39.4	39.4
GE 14000		12.1	34.0	36.2	37.6	37.7	38.4	38.8	38.8	39.2	39.3	39.4	39.4	39.4	39.4	39.4
GE 12000		12.3	34.2	36.4	37.8	37.9	38.6	39.0	39.0	39.4	39.5	39.6	39.6	39.6	39.6	39.6
GE 10000		13.9	36.0	38.1	39.5	39.6	40.2	40.6	40.6	41.1	41.2	41.3	41.4	41.4	41.4	41.4
GE 9000		14.6	36.6	38.6	40.2	40.3	41.0	41.4	41.4	41.8	41.9	42.0	42.1	42.1	42.1	42.1
GE 8000		40.2	42.7	45.1	46.6	46.8	47.5	47.9	47.9	48.4	48.7	48.9	49.0	49.0	49.0	49.1
GE 7000		41.8	44.3	46.7	48.2	48.4	49.1	49.5	49.5	50.2	50.2	50.3	50.4	50.4	50.4	50.4
GE 6000		42.5	45.0	47.4	48.9	49.1	49.8	50.2	50.2	50.9	51.0	51.1	51.2	51.2	51.2	51.2
GE 5000		44.9	47.5	50.7	52.2	52.4	53.1	53.5	53.5	54.2	54.3	54.5	54.6	54.6	54.6	54.6
GE 4500		50.0	53.0	56.4	57.9	58.1	58.8	59.2	59.2	59.9	60.0	60.2	60.3	60.3	60.3	60.3
GE 4000		58.7	62.1	65.8	67.2	67.5	68.3	68.6	68.8	69.7	69.9	70.0	70.1	70.1	70.1	70.1
GE 3500		63.7	67.2	70.9	72.4	72.6	73.6	74.2	74.2	75.1	75.2	75.3	75.4	75.4	75.4	75.4
GE 3000		66.2	69.9	73.6	75.5	75.7	76.7	77.3	77.3	78.1	78.2	78.4	78.5	78.5	78.5	78.5
GE 2500		69.1	73.4	77.2	79.1	79.3	80.7	81.3	81.4	82.3	82.4	82.5	82.6	82.6	82.6	82.6
GE 2000		72.3	77.5	81.3	83.2	83.4	85.2	85.7	85.8	87.2	87.3	87.3	87.3	87.3	87.3	87.3
GE 1800		72.6	77.9	81.6	83.6	83.8	85.5	86.1	86.5	87.6	87.7	87.9	88.0	88.0	88.0	88.0
GE 1500		73.5	79.6	84.3	86.0	86.2	87.9	88.5	88.9	90.6	90.7	90.8	90.9	90.9	90.9	90.9
GE 1200		74.7	80.7	85.5	87.4	87.7	89.4	90.0	90.6	91.7	91.8	92.0	92.1	92.1	92.1	92.1
GE 1000		75.1	81.2	86.1	88.1	88.4	90.1	90.9	91.6	92.6	92.7	92.8	92.9	92.9	92.9	92.9
GE 900		75.2	81.3	86.2	88.2	88.5	90.2	91.1	91.9	93.0	93.0	93.1	93.2	93.2	93.2	93.2
GE 800		75.3	81.4	86.3	88.4	88.6	90.3	91.3	92.4	93.5	93.5	93.7	93.7	93.7	93.7	93.7
GE 700		75.3	81.4	86.3	88.4	88.6	90.3	91.3	92.4	93.5	93.5	93.7	93.7	93.7	93.7	93.7
GE 600		75.5	81.5	86.4	88.5	88.7	90.4	91.4	92.5	93.6	93.6	93.8	93.8	93.8	93.8	93.8
GE 500		75.5	81.5	86.4	88.5	88.7	90.4	91.4	92.5	93.6	93.6	93.8	93.8	93.8	93.8	93.8
GE 400		75.5	81.5	86.4	88.5	88.7	90.4	91.4	92.5	93.6	93.6	93.8	93.8	93.8	93.8	93.8
GE 300		75.5	81.5	86.4	88.5	88.7	90.4	91.4	92.5	93.6	93.6	93.8	93.8	93.8	93.8	93.8
GE 200		75.5	81.5	86.4	88.5	88.7	90.4	91.4	92.5	93.6	93.6	93.8	93.8	93.8	93.8	93.8
GE 100		75.5	81.5	86.4	88.5	88.7	90.4	91.4	92.5	93.6	93.6	93.8	93.8	93.8	93.8	93.8
GE		75.5	81.5	86.4	88.5	88.7	90.4	91.4	92.5	93.6	93.6	93.8	93.8	93.8	93.8	93.8

TOTAL NUMBER OF OBSERVATIONS: 974

GLOBAL CLIMATOLOGY BRANCH  
USAFETAL  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VARIATIONS  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 075933 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 77-84  
MONTH: NOV OBSERVATIONS: 1107-2100

CEILING		VISIBILITY IN HONG KONGS OF WATER																																
IN FEET	1	GT 160	GE 20	GE 30	GE 40	GE 50	GE 60	GE 70	GE 80	GE 90	GE 100	GE 120	GE 140	GE 160	GE 180	GE 200	GE 250	GE 300	GE 350	GE 400	GE 450	GE 500	GE 550	GE 600	GE 650	GE 700	GE 750	GE 800	GE 850	GE 900	GE 950	GE 1000		
NO CEIL	1		34.1	34.2	35.0	36.8	37.4	38.4	39.0	39.1	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	
GE 10000			34.6	37.0	39.1	40.2	40.6	41.9	42.9	43.0	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
GE 16000			34.6	37.0	39.1	40.2	40.6	41.9	42.9	43.0	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
GE 18000			34.6	37.0	39.1	40.2	40.6	41.9	42.9	43.0	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
GE 17000			34.6	37.0	39.1	40.2	40.6	41.9	42.9	43.0	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
GE 17000			34.6	37.0	39.1	40.2	40.6	41.9	42.9	43.0	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
GE 10000			35.9	38.3	40.3	41.9	42.1	43.0	44.1	44.0	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2
GE 9000			36.5	38.9	40.9	42.1	42.6	43.4	44.7	44.4	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
GE 8000			40.5	42.9	44.9	45.1	46.0	47.3	48.8	48.4	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
GE 7000			41.6	44.0	46.1	47.3	47.8	48.9	49.9	50.1	50.7	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
GE 6000			41.9	44.3	46.4	47.5	48.1	49.3	50.3	50.4	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
GE 5000			44.6	47.0	49.5	50.7	51.3	52.5	53.5	53.6	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
GE 4000			50.6	53.0	56.2	57.5	58.1	59.2	60.2	60.3	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
GE 3000			58.6	62.6	66.3	66.4	67.4	68.2	69.3	69.4	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
GE 2000			62.3	66.3	69.0	70.4	71.1	72.0	73.1	73.1	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
GE 1000			65.1	69.3	72.0	73.4	74.7	75.1	76.1	76.1	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
GE 2500			61.7	72.0	74.7	76.4	77.7	78.1	80.3	80.9	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
GE 1800			75.7	78.4	78.3	80.3	81.3	82.4	84.1	84.7	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 1500			82.7	75.4	74.3	76.1	77.3	80.2	84.1	84.1	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
GE 1100			71.0	76.9	76.0	77.0	78.0	80.9	84.0	84.0	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
GE 1000			73.8	79.1	78.2	79.3	80.4	83.1	86.3	86.3	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 9000			71.9	79.0	78.9	79.7	80.7	83.5	86.7	86.7	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
GE 8000			74.2	79.5	79.5	80.0	81.1	83.9	87.0	87.0	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 7000			74.3	79.4	79.1	80.1	80.3	83.1	86.1	86.1	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 6000			74.7	80.2	80.7	81.7	81.9	84.0	86.9	86.9	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 5000			74.9	80.2	84.0	84.4	84.4	87.4	89.9	89.9	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 4000			74.9	80.2	84.0	84.4	84.4	87.4	89.9	89.9	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 3000			74.9	80.2	84.0	84.4	84.4	87.4	89.9	89.9	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 2000			74.9	80.2	84.0	84.4	84.4	87.4	89.9	89.9	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 1000			74.9	80.2	84.0	84.4	84.4	87.4	89.9	89.9	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 500			74.9	80.2	84.0	84.4	84.4	87.4	89.9	89.9	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 400			74.9	80.2	84.0	84.4	84.4	87.4	89.9	89.9	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 300			74.9	80.2	84.0	84.4	84.4	87.4	89.9	89.9	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 200			74.9	80.2	84.0	84.4	84.4	87.4	89.9	89.9	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 100			74.9	80.2	84.0	84.4	84.4	87.4	89.9	89.9	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 50			74.9	80.2	84.0	84.4	84.4	87.4	89.9	89.9	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 40			74.9	80.2	84.0	84.4	84.4	87.4	89.9	89.9	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 30			74.9	80.2	84.0	84.4	84.4	87.4	89.9	89.9	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 20			74.9	80.2	84.0	84.4	84.4	87.4	89.9	89.9	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4									

GLOBAL CLIMATOLOGY BRANCH  
LSAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035833 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 77-84  
MONTH: NOV HOURS(EST): ALL

CEILING IN FEET	1	VISIBILITY IN HUNDREDS OF METERS															
		GE 160	GE 90	GE 80	GE 60	GE 40	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 6	GE 4	GE 0
NO CEIL	1		26.4	27.9	29.7	30.6	30.6	31.7	32.3	32.3	32.6	32.7	32.9	32.9	33.9	34.7	35.1
GE 20000	1	31.0	32.7	35.0	35.9	36.1	37.1	37.7	37.9	38.1	38.2	38.3	38.4	38.5	38.7	38.7	39.1
GE 18000	1	31.1	32.8	35.1	36.0	36.2	37.2	37.8	37.9	38.2	38.3	38.4	38.5	38.7	38.8	38.8	39.2
GE 16000	1	31.1	32.8	35.1	36.0	36.2	37.2	37.8	37.9	38.2	38.3	38.4	38.5	38.7	38.8	38.8	39.2
GE 14000	1	31.1	32.8	35.1	36.1	36.3	37.2	37.9	37.9	38.2	38.3	38.4	38.5	38.7	38.8	38.8	39.2
GE 12000	1	31.2	32.9	35.2	36.1	36.3	37.3	37.9	38.0	38.3	38.4	38.5	38.6	38.7	38.9	39.0	39.3
GE 10000	1	32.7	34.4	36.7	37.7	37.9	38.9	39.5	39.6	39.9	40.0	40.1	40.2	40.3	40.5	40.5	40.9
GE 9000	1	33.6	35.4	37.8	38.7	39.0	39.9	40.6	40.6	40.9	41.1	41.2	41.3	41.5	41.5	41.6	42.0
GE 8000	1	36.4	40.6	43.3	44.4	44.7	45.7	46.4	46.5	46.9	47.1	47.2	47.3	47.5	47.5	47.6	48.0
GE 7000	1	39.6	41.8	44.5	45.6	45.9	47.0	47.7	47.7	48.1	48.2	48.3	48.4	48.5	48.7	48.7	49.1
GE 6000	1	40.1	42.3	45.1	46.1	46.4	47.5	48.2	48.3	48.6	48.8	48.9	49.0	49.1	49.3	49.3	49.7
GE 5000	1	42.5	44.8	47.9	49.0	49.3	50.4	51.2	51.2	51.6	51.8	51.9	52.0	52.1	52.2	52.2	52.6
GE 4500	1	47.3	50.2	53.4	54.7	54.9	56.3	57.0	57.1	57.5	57.6	57.7	57.8	57.9	58.0	58.0	58.4
GE 4000	1	54.2	57.6	61.1	62.5	62.8	64.2	65.0	65.1	65.5	65.7	65.8	65.9	66.0	66.1	66.1	66.5
GE 3500	1	58.2	61.7	65.6	67.1	67.5	69.0	69.8	69.9	70.4	70.6	70.7	70.8	70.9	71.0	71.0	71.4
GE 3000	1	61.4	65.3	69.0	71.2	71.6	73.4	74.3	74.4	74.9	75.0	75.2	75.3	75.4	75.5	75.5	75.9
GE 2500	1	63.6	67.8	72.1	74.1	74.5	76.2	77.2	77.3	77.8	78.0	78.1	78.2	78.3	78.4	78.4	78.8
GE 2000	1	67.0	71.6	76.3	78.4	78.9	81.0	82.0	82.1	82.6	82.8	82.9	83.0	83.1	83.2	83.2	83.6
GE 1800	1	67.3	72.0	76.9	79.6	79.6	81.6	82.6	82.7	83.2	83.4	83.5	83.6	83.7	83.8	83.8	84.2
GE 1600	1	69.2	74.3	79.7	82.0	82.0	84.7	85.7	85.8	86.3	86.5	86.6	86.7	86.8	86.9	86.9	87.3
GE 1400	1	70.7	76.1	81.6	84.2	84.2	87.1	88.2	88.3	88.8	89.0	89.1	89.2	89.3	89.4	89.4	89.8
GE 1200	1	71.0	76.5	82.3	84.9	85.6	87.9	89.2	89.6	90.4	90.6	90.7	90.8	90.9	91.0	91.1	91.5
GE 1000	1	71.1	76.6	82.4	85.1	85.8	88.3	89.7	90.0	91.0	91.2	91.3	91.4	91.5	91.6	91.7	92.1
GE 900	1	71.2	76.6	82.9	85.7	86.3	88.9	90.3	90.7	91.7	91.9	92.0	92.1	92.2	92.3	92.4	92.8
GE 800	1	71.3	77.0	83.3	86.1	86.9	89.6	91.1	91.5	92.5	92.7	92.8	92.9	93.0	93.1	93.2	93.6
GE 700	1	71.4	77.2	83.6	86.5	87.3	90.0	91.7	92.2	93.3	93.5	93.6	93.7	93.8	93.9	94.0	94.4
GE 600	1	71.4	77.2	83.7	86.8	87.6	90.5	92.3	92.9	94.2	94.5	94.6	94.7	94.8	94.9	95.0	95.4
GE 500	1	71.4	77.2	83.7	87.0	87.8	90.9	92.9	93.6	95.0	95.3	95.4	95.5	95.6	95.7	95.8	96.2
GE 400	1	71.4	77.2	83.7	87.0	87.8	91.0	93.0	93.7	95.1	95.4	95.5	95.6	95.7	95.8	95.9	96.3
GE 300	1	71.4	77.2	83.7	87.0	87.8	91.0	93.0	93.7	95.1	95.4	95.5	95.6	95.7	95.8	95.9	96.3
GE 200	1	71.4	77.2	83.7	87.0	87.8	91.0	93.0	93.7	95.1	95.4	95.5	95.6	95.7	95.8	95.9	96.3
GE 100	1	71.4	77.2	83.7	87.0	87.8	91.0	93.0	93.7	95.1	95.4	95.5	95.6	95.7	95.8	95.9	96.3
GE 0	1	71.4	77.2	83.7	87.0	87.8	91.0	93.0	93.7	95.1	95.4	95.5	95.6	95.7	95.8	95.9	96.3

TOTAL NUMBER OF OBSERVATIONS: 6987

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035833 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 1971-1974  
MONTHS: 001 FOUR SEASONS: 00000000

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS																											
	1	GT 160	GE 90	GE 80	GE 60	GE 40	GE 30	GE 24	GE 20	GE 18	GE 17	GE 16	GE 15	GE 14	GE 13	GE 12	GE 11	GE 10	GE 9	GE 8	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1	
NO CEIL	1		26.7	31.0	32.6	34.0	34.0	34.8	35.0	35.7	36.0	36.7	36.8	37.0	37.5	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8
GE 20000			20.8	33.3	34.9	36.3	36.3	37.1	37.3	37.3	37.4	37.4	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7
GE 18000			20.8	33.3	34.9	36.3	36.3	37.1	37.3	37.3	37.4	37.4	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7
GE 16000			20.8	33.3	34.9	36.3	36.3	37.1	37.3	37.3	37.4	37.4	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7
GE 14000			20.8	33.3	34.9	36.3	36.3	37.1	37.3	37.3	37.4	37.4	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7
GE 12000			20.8	33.3	34.9	36.3	36.3	37.1	37.3	37.3	37.4	37.4	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7
GE 10000			22.3	34.9	36.5	37.9	37.9	38.7	38.9	39.6	39.9	39.9	40.2	40.7	40.9	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
GE 9000			22.3	34.9	36.5	37.9	37.9	38.7	38.9	39.6	39.9	39.9	40.2	40.7	40.9	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
GE 8000			26.0	39.8	40.6	42.3	42.3	43.0	43.4	44.0	44.5	44.5	44.9	45.4	45.6	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
GE 7000			26.6	39.4	41.4	42.8	42.8	43.6	43.9	44.6	45.0	45.0	45.5	45.9	46.2	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6
GE 6000			27.5	40.2	42.3	43.7	43.7	44.5	44.8	45.6	45.6	45.6	46.4	46.8	47.0	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
GE 5000			29.4	42.5	44.5	45.9	45.9	47.0	47.4	48.0	48.5	48.5	48.9	49.4	49.6	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
GE 4000			43.0	46.3	48.6	50.1	50.1	51.2	51.5	52.2	52.6	52.6	53.1	53.5	53.7	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
GE 3000			48.9	53.3	56.7	58.3	58.3	59.6	60.0	60.6	61.2	61.2	61.6	62.2	62.4	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
GE 2500			52.4	57.0	61.1	62.8	62.8	64.1	64.4	65.1	65.7	65.7	66.1	66.7	66.9	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
GE 2000			55.9	61.1	65.2	66.9	66.9	68.7	69.0	69.8	70.3	70.3	70.9	71.3	71.6	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
GE 1500			58.3	64.0	68.1	69.8	69.8	71.6	71.9	72.6	73.4	73.4	73.8	74.4	74.6	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
GE 1000			61.3	67.2	72.1	73.9	73.9	75.9	76.3	77.1	77.4	77.4	78.3	78.8	79.3	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
GE 800			61.6	67.6	72.9	74.7	74.7	76.7	77.0	77.9	78.6	78.6	79.0	79.6	79.8	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
GE 600			64.1	70.6	76.4	78.3	78.3	80.7	81.0	81.9	82.6	82.6	83.1	83.6	83.8	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 400			66.2	73.1	79.4	81.7	81.7	84.2	84.7	85.6	86.3	86.3	86.7	87.3	87.5	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
GE 300			67.0	74.4	80.7	83.1	83.1	85.7	86.4	87.1	88.0	88.0	88.4	89.0	89.2	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
GE 200			67.3	74.7	81.2	83.7	83.7	86.4	87.1	88.0	88.0	88.0	88.4	89.0	89.2	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
GE 100			68.0	75.5	81.9	85.1	85.1	87.7	88.4	89.3	90.0	90.0	90.4	91.0	91.3	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 50			68.1	75.7	82.7	86.3	86.3	89.0	89.6	90.5	91.2	91.2	91.6	92.2	92.5	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 0			68.1	75.7	82.7	86.6	87.0	89.3	90.0	90.5	91.5	91.5	92.0	92.5	92.9	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4

TOTAL NUMBER OF OBSERVATIONS: 877

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 015833 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 77-84

MONTH: DEC

HOURS(IST): 0100-0500

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	FEET	GE 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	1		30.5	32.2	33.8	35.1	35.5	36.2	37.1	37.1	37.1	37.5	37.6	37.6	37.8	38.2	38.4
GE 20000			32.0	33.9	35.5	36.8	37.1	37.9	38.8	38.8	38.8	39.1	39.2	39.2	39.5	39.9	40.0
GE 18000			32.0	33.9	35.5	36.8	37.1	37.9	38.8	38.8	38.8	39.1	39.2	39.2	39.5	39.9	40.0
GE 16000			32.0	33.9	35.5	36.8	37.1	37.9	38.8	38.8	38.8	39.1	39.2	39.2	39.5	39.9	40.0
GE 14000			32.0	33.9	35.5	36.8	37.1	37.9	38.8	38.8	38.8	39.1	39.2	39.2	39.5	39.9	40.0
GE 12000			32.0	33.9	35.5	36.8	37.1	37.9	38.8	38.8	38.8	39.1	39.2	39.2	39.5	39.9	40.0
GE 10000			33.1	35.0	36.7	38.0	38.4	39.1	40.0	40.0	40.0	40.4	40.5	40.5	40.7	41.1	41.2
GE 9000			33.1	35.0	36.7	38.0	38.4	39.1	40.0	40.0	40.0	40.4	40.5	40.5	40.7	41.1	41.2
GE 8000			36.9	39.0	40.8	42.3	42.6	43.4	44.3	44.3	44.4	44.7	44.8	44.8	45.2	45.6	45.7
GE 7000			37.3	39.5	41.2	42.7	43.0	43.8	44.7	44.7	44.8	45.2	45.3	45.3	45.6	46.0	46.2
GE 6000			38.0	40.1	41.9	43.4	43.7	44.5	45.4	45.4	45.5	45.8	45.9	45.9	46.3	46.7	46.8
GE 5000			39.4	41.9	43.6	45.3	45.6	46.5	47.4	47.4	47.5	47.9	47.9	47.9	48.3	48.7	48.8
GE 4000			43.0	45.6	48.0	49.5	49.8	50.7	52.0	52.0	52.1	52.4	52.5	52.6	53.0	53.4	53.5
GE 3000			48.2	51.8	54.6	56.3	56.9	58.1	59.4	59.4	59.5	59.9	60.0	60.1	60.5	61.0	61.2
GE 2500			52.4	56.6	59.8	61.5	62.1	63.3	64.7	64.7	64.8	65.1	65.2	65.3	65.5	66.0	66.2
GE 2000			55.6	60.9	64.1	65.9	66.4	68.0	69.8	69.8	70.0	70.3	70.5	70.6	71.0	71.5	71.7
GE 1500			57.9	63.5	67.1	69.2	69.8	71.3	73.2	73.2	73.5	73.7	74.0	74.1	74.2	74.7	74.8
GE 1200			61.5	67.7	72.1	74.5	75.0	76.6	78.5	78.5	78.8	79.0	79.4	79.5	79.6	80.0	80.2
GE 1000			62.0	68.1	72.7	75.0	75.6	77.1	79.0	79.4	79.6	79.9	80.0	80.2	80.6	81.0	81.3
GE 900			64.5	70.9	75.9	78.4	78.9	80.5	82.4	82.7	82.9	83.3	83.4	83.5	83.9	84.4	84.6
GE 800			66.6	73.0	78.0	80.5	81.0	82.6	84.5	84.8	85.1	85.4	85.5	85.6	86.1	86.6	86.7
GE 700			67.0	73.5	78.6	81.2	81.7	83.6	85.6	86.0	86.2	86.5	86.6	86.7	87.2	87.6	87.7
GE 600			67.2	73.8	78.9	82.2	82.7	84.6	86.6	87.0	87.2	87.5	87.6	87.7	88.2	88.6	88.7
GE 500			67.7	74.6	80.0	84.2	84.6	86.8	88.9	89.2	89.4	89.7	89.9	90.0	90.4	90.9	91.1
GE 400			67.9	75.0	81.5	86.0	86.6	88.8	90.6	91.0	91.3	91.6	91.8	91.9	92.3	92.8	93.0
GE 300			68.0	75.1	81.6	86.5	87.2	89.2	91.2	91.5	91.9	92.2	92.3	92.4	92.9	93.3	93.5
GE 200			68.1	75.3	82.1	86.7	87.5	90.0	92.4	92.8	93.2	93.6	93.8	94.1	94.4	94.9	95.1
GE 100			68.1	75.3	82.2	86.8	87.6	90.1	92.6	93.1	93.5	94.0	94.3	94.5	95.0	95.4	95.7
GE 0			68.1	75.3	82.3	87.0	87.7	90.5	93.4	93.9	94.4	95.1	95.4	95.8	96.2	96.7	97.0
GE 0			68.1	75.3	82.4	87.1	87.6	90.6	93.6	94.1	95.0	95.5	95.9	96.3	96.8	97.3	97.6

TOTAL NUMBER OF OBSERVATIONS: 897

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035933 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 77-86

MONTH: DEC HOURS/DATE: 0000-2400

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	GT	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET	160	200	800	600	400	400	320	240	200	160	120	100	80	60	40	20	0
NO CEIL	1	27.1	30.0	31.7	32.8	33.0	33.8	34.7	34.8	35.0	35.2	35.2	35.2	35.3	35.4	35.6	
GE 20000		29.8	32.7	34.5	35.7	35.9	36.8	37.7	37.8	38.0	38.2	38.2	38.2	38.3	38.4	38.6	
GE 18000		29.8	32.7	34.5	35.7	35.9	36.8	37.7	37.8	38.0	38.2	38.2	38.2	38.3	38.4	38.6	
GE 16000		29.8	32.7	34.5	35.7	35.9	36.8	37.7	37.8	38.0	38.2	38.2	38.2	38.3	38.4	38.6	
GE 14000		29.8	32.7	34.5	35.7	35.9	36.8	37.7	37.8	38.0	38.2	38.2	38.2	38.3	38.4	38.6	
GE 12000		29.8	32.7	34.5	35.7	35.9	36.8	37.7	37.8	38.0	38.2	38.2	38.2	38.3	38.4	38.6	
GE 10000		30.8	33.7	35.6	36.8	37.0	37.9	38.8	38.9	39.2	39.3	39.3	39.3	39.4	39.5	39.6	
GE 9000		30.9	33.8	35.7	36.9	37.2	38.0	38.9	39.0	39.3	39.5	39.5	39.5	39.6	39.7	39.8	
GE 8000		35.9	38.9	40.8	42.0	42.3	43.2	44.3	44.4	44.6	44.8	44.8	44.8	44.9	45.1	45.5	
GE 7000		36.7	39.7	41.7	42.9	43.2	44.2	45.4	45.5	45.7	45.9	45.9	45.9	46.1	46.2	46.6	
GE 6000		37.4	40.4	42.4	43.6	43.8	44.8	46.1	46.2	46.4	46.6	46.6	46.6	46.7	46.8	47.3	
GE 5000		38.7	41.7	43.7	44.9	45.2	46.2	47.4	47.5	47.7	48.1	48.1	48.1	48.2	48.3	48.7	
GE 4500		41.8	45.2	47.9	49.3	49.6	50.5	51.7	51.8	52.1	52.4	52.4	52.4	52.5	52.6	53.1	
GE 4000		47.1	51.3	54.5	56.0	56.2	57.4	59.0	59.1	59.3	59.7	59.7	59.7	59.8	60.0	60.6	
GE 3500		51.6	55.8	59.3	60.7	61.0	62.2	63.7	63.8	64.2	64.6	64.6	64.6	64.7	64.8	65.5	
GE 3000		55.3	60.4	64.1	66.1	66.3	67.9	69.6	69.7	70.2	70.6	70.6	70.6	70.7	70.9	71.5	
GE 2500		57.4	62.5	66.3	69.6	69.9	70.6	72.5	72.6	73.1	73.5	73.5	73.5	73.6	73.7	74.4	
GE 2000		61.5	67.2	71.6	74.0	74.2	76.0	78.0	78.1	78.5	79.0	79.0	79.0	79.1	79.2	79.9	
GE 1800		61.5	67.2	71.9	74.2	74.4	76.2	78.2	78.3	78.6	79.2	79.2	79.2	79.3	79.4	80.1	
GE 1500		62.8	68.7	74.1	76.5	76.8	78.5	80.5	80.6	81.1	81.5	81.5	81.5	81.6	81.8	82.4	
GE 1200		65.6	71.7	77.4	80.2	80.4	82.4	84.5	84.6	85.1	85.5	85.5	85.5	85.7	85.8	86.4	
GE 1000		66.0	72.4	78.4	81.3	81.6	83.6	85.6	85.9	86.4	86.9	86.9	86.9	87.0	87.1	87.6	
GE 900		66.2	72.6	78.6	81.9	82.3	84.4	86.5	86.7	87.2	87.7	87.8	87.8	87.9	88.0	88.7	
GE 800		66.6	73.5	79.6	83.3	83.6	86.1	88.2	88.3	88.9	89.3	89.4	89.4	89.5	89.7	90.3	
GE 700		67.4	74.3	80.5	84.4	84.9	87.2	89.3	89.5	90.2	90.7	90.8	90.8	90.9	91.0	91.7	
GE 600		67.4	74.4	81.0	85.2	85.1	88.7	90.9	91.1	91.6	92.2	92.3	92.3	92.4	92.5	93.2	
GE 500		67.4	74.4	81.0	85.3	86.3	89.0	91.5	91.8	92.4	92.9	93.1	93.1	93.2	93.3	94.0	
GE 400		67.4	74.6	81.2	85.5	86.5	89.3	91.9	92.1	93.0	93.4	93.8	93.8	93.9	94.0	94.7	
GE 300		67.4	74.7	81.0	86.0	87.0	90.0	93.4	93.7	94.5	95.0	95.3	95.3	95.4	96.2	97.1	
GE 200		67.4	74.7	81.6	86.0	87.0	90.0	93.4	93.7	94.5	95.4	95.9	96.1	96.7	97.8	98.5	
GE 100		67.4	74.7	81.6	86.0	87.0	90.0	93.4	93.7	94.8	95.4	95.9	96.1	97.0	98.3	100.0	
GE	01	67.4	74.7	81.6	86.0	87.0	90.0	93.4	93.7	94.4	95.4	95.9	96.1	97.0	98.3	100.0	

TOTAL NUMBER OF OBSERVATIONS: 899



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035833 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 77-84  
MONTH: DEC HOURS/1ST: 0900-1,00

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	GT	CE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET	1	160	90	80	60	48	40	32	24	20	16	12	10	8	6	4	0
NO CEIL	1		22.4	23.0	25.5	26.4	26.6	27.4	28.5	28.5	28.6	29.6	28.6	28.6	28.6	28.7	29.4
GE 20000			27.1	28.1	31.4	32.4	32.7	33.4	34.6	34.6	34.7	34.7	34.7	34.9	34.9	35.0	35.7
GE 18000			27.3	28.3	31.7	32.7	32.9	33.7	34.8	34.8	34.9	34.9	34.9	35.0	35.0	35.0	35.7
GE 16000			27.3	28.3	31.7	32.7	32.9	33.7	34.8	34.8	34.9	34.9	34.9	35.0	35.0	35.0	35.7
GE 14000			27.3	28.3	31.7	32.7	32.9	33.7	34.8	34.8	34.9	34.9	34.9	35.0	35.0	35.0	35.7
GE 12000			27.6	28.6	32.0	33.0	33.2	34.0	35.1	35.1	35.2	35.2	35.2	35.3	35.3	35.6	36.2
GE 10000			29.2	30.2	33.9	34.9	35.1	35.9	37.0	37.0	37.1	37.1	37.1	37.2	37.2	37.5	38.1
GE 9000			29.4	30.5	34.2	35.2	35.5	36.2	37.4	37.4	37.5	37.5	37.5	37.6	37.6	37.9	38.5
GE 8000			34.8	36.0	39.9	40.9	41.2	41.9	43.1	43.1	43.4	43.4	43.4	43.5	43.5	43.7	44.4
GE 7000			35.9	37.5	41.6	42.6	42.8	43.7	45.0	45.0	45.5	45.5	45.5	45.6	45.6	45.9	46.5
GE 6000			36.1	37.7	41.8	42.8	43.1	44.0	45.2	45.2	45.7	45.7	45.7	45.9	45.9	46.1	46.7
GE 5000			37.2	38.8	43.1	44.1	44.3	45.2	46.4	46.4	47.1	47.2	47.2	47.4	47.4	47.7	48.3
GE 4500			41.5	43.2	48.2	49.3	49.6	50.4	51.7	51.7	52.3	52.5	52.5	52.7	52.9	53.2	53.7
GE 4000			46.3	48.7	55.0	56.3	56.6	57.6	59.1	59.1	60.0	60.1	60.1	60.3	60.5	60.9	61.5
GE 3500			51.0	53.7	60.3	61.9	62.2	63.4	65.1	65.1	66.0	66.1	66.1	66.3	66.6	66.9	67.5
GE 3000			54.7	57.5	64.4	66.0	66.3	67.7	69.7	69.7	71.0	71.1	71.1	71.4	71.6	71.9	72.6
GE 2500			57.2	60.4	68.2	69.9	70.4	71.9	74.2	74.4	75.6	75.7	75.7	76.0	76.2	76.5	77.1
GE 2000			58.8	62.3	71.1	73.3	73.7	75.4	77.6	77.9	79.1	79.2	79.2	79.4	79.6	79.9	80.6
GE 1800			58.8	62.3	71.3	73.4	73.8	75.5	77.7	78.0	79.2	79.3	79.3	79.5	79.8	80.1	80.8
GE 1500			60.4	64.4	73.7	76.0	76.4	78.3	80.5	80.9	82.0	82.1	82.1	82.3	82.6	82.9	83.6
GE 1200			61.9	66.2	76.3	78.9	79.4	81.7	83.9	84.1	85.3	85.5	85.5	85.7	85.9	86.2	86.9
GE 1000			62.8	67.1	77.4	80.4	81.0	83.3	85.6	85.9	87.1	87.2	87.2	87.5	87.7	88.0	88.7
GE 900			62.8	67.1	77.6	80.8	81.3	83.9	86.2	86.8	88.0	88.1	88.1	88.4	88.6	88.9	89.6
GE 800			63.6	68.7	79.1	82.9	83.4	86.4	88.8	89.4	90.6	90.7	90.7	90.9	91.2	91.5	92.2
GE 700			63.6	68.3	79.3	83.3	83.9	86.8	89.4	89.9	91.3	91.4	91.5	91.7	91.9	92.2	92.9
GE 600			63.8	68.5	79.6	83.6	84.3	87.8	90.8	91.4	92.7	92.8	93.0	93.2	93.4	93.7	94.4
GE 500			63.8	68.5	79.6	84.1	84.7	88.5	91.7	92.6	94.0	94.1	94.3	94.5	94.7	95.0	95.7
GE 400			63.8	68.5	79.6	84.1	84.7	88.6	91.9	93.0	94.4	94.6	95.0	95.2	95.6	95.8	96.5
GE 300			63.8	68.5	79.6	84.3	84.9	88.9	92.6	93.6	95.1	95.5	95.9	96.1	96.8	97.4	98.1
GE 200			63.8	68.5	79.6	84.3	84.9	88.9	92.6	93.6	95.1	95.6	96.2	96.6	97.5	98.2	98.9
GE 100			63.8	68.5	79.6	84.3	84.9	88.9	92.6	93.6	95.1	95.7	96.3	96.9	97.4	98.5	100.0
GE	G		63.8	68.5	79.6	84.3	84.9	88.9	92.6	93.6	95.1	95.7	96.3	96.9	97.4	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 844

GLOBAL CLIMATOLOGY BRANCH  
LSAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035833 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 77-87  
MONTH: DEC HOURS(EST): 1200-1400

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 6	GE 4	GE 3
NO CEIL		23.5	24.9	26.7	27.0	27.0	27.3	27.3	27.5	27.8	27.8	27.9	28.0	28.0	28.0	28.0
GE 20000		28.8	30.1	32.5	32.8	32.6	33.1	33.1	33.3	33.8	34.0	34.4	34.4	34.4	34.4	34.4
GE 18000		29.0	30.4	32.9	33.3	33.3	33.6	33.6	33.7	34.3	34.3	34.5	34.8	34.8	34.8	34.8
GE 16000		29.0	30.4	32.9	33.3	33.3	33.6	33.6	33.7	34.3	34.3	34.5	34.8	34.8	34.8	34.8
GE 14000		29.0	30.4	32.9	33.3	33.3	33.6	33.6	33.7	34.3	34.3	34.5	34.8	34.8	34.8	34.8
GE 12000		29.0	30.4	32.9	33.3	33.3	33.6	33.6	33.7	34.3	34.3	34.5	34.8	34.8	34.8	34.8
GE 10000		30.6	32.1	34.9	35.5	35.5	35.8	35.8	35.9	36.5	36.5	36.7	37.1	37.1	37.1	37.1
GE 9000		31.3	32.8	35.6	36.2	36.2	36.5	36.6	36.7	37.3	37.3	37.5	37.8	37.8	37.8	37.8
GE 8000		36.7	38.7	42.0	42.5	42.5	42.9	43.0	43.1	43.6	43.6	43.9	44.2	44.2	44.2	44.2
GE 7000		37.5	39.7	43.5	44.2	44.2	44.5	44.6	44.8	45.3	45.3	45.5	45.9	45.9	45.9	45.9
GE 6000		37.7	40.1	43.9	44.6	44.6	45.0	45.1	45.2	45.8	45.8	46.0	46.4	46.4	46.4	46.4
GE 5000		39.0	41.3	45.1	45.9	46.0	46.3	46.4	46.5	47.1	47.1	47.3	47.8	47.8	47.8	47.8
GE 4500		41.2	43.6	48.1	48.9	49.0	49.4	49.6	49.7	50.4	50.4	50.7	51.1	51.1	51.1	51.1
GE 4000		47.4	50.2	55.1	56.1	56.4	56.8	56.9	57.0	58.1	58.1	58.4	58.8	58.8	58.8	58.8
GE 3500		51.8	54.8	60.2	61.3	61.5	62.2	62.4	62.5	63.7	63.7	64.0	64.4	64.4	64.4	64.4
GE 3000		56.0	59.2	65.1	66.3	66.5	67.3	67.7	67.9	69.1	69.1	69.3	69.8	69.8	69.8	69.8
GE 2500		58.4	62.1	68.3	69.5	69.9	70.6	71.1	71.2	72.7	72.8	73.3	73.4	73.4	73.4	73.4
GE 2000		61.2	65.2	72.4	74.0	74.3	75.4	76.3	76.5	77.9	78.2	78.5	78.9	78.9	78.9	78.9
GE 1800		61.7	65.7	73.0	74.6	74.9	76.0	76.9	77.0	78.5	78.8	79.0	79.5	79.5	79.5	79.5
GE 1600		65.5	70.1	77.7	79.5	79.8	81.0	82.1	82.3	83.7	84.0	84.3	84.7	84.7	84.7	84.7
GE 1400		66.9	72.0	79.7	81.5	81.8	83.5	84.6	84.7	86.2	86.5	86.7	87.2	87.2	87.2	87.2
GE 1200		67.5	72.7	80.8	82.6	83.3	85.0	86.3	86.4	87.9	88.3	88.5	89.0	89.0	89.0	89.0
GE 1000		67.6	72.8	81.0	83.4	83.8	85.7	86.9	87.1	88.7	89.1	89.3	89.7	89.7	89.7	89.7
GE 900		68.3	73.4	82.1	84.7	85.4	87.2	88.6	88.7	90.4	90.7	91.0	91.4	91.4	91.4	91.4
GE 800		68.3	73.4	82.8	85.5	86.2	88.1	89.6	89.7	91.6	92.0	92.2	92.7	92.7	92.7	92.7
GE 700		68.5	73.7	83.1	86.3	86.9	89.1	91.0	91.2	93.1	93.4	93.6	94.2	94.2	94.2	94.2
GE 600		68.6	73.8	83.4	86.6	87.3	89.8	91.9	92.1	94.2	94.6	95.0	95.5	95.5	95.5	95.5
GE 500		68.6	73.8	83.4	86.9	87.6	90.2	92.3	92.7	95.1	95.6	96.2	96.9	97.1	97.1	97.1
GE 400		68.6	73.8	83.4	86.9	87.6	90.2	92.3	92.7	95.4	96.1	97.1	98.0	98.5	98.5	98.5
GE 300		68.6	73.8	83.4	86.9	87.6	90.2	92.3	92.7	95.4	96.4	97.3	98.3	99.0	99.1	100.0
GE 200		68.6	73.8	83.4	86.9	87.6	90.2	92.3	92.7	95.4	96.4	97.3	98.3	99.0	99.1	100.0
GE 100		68.6	73.8	83.4	86.9	87.6	90.2	92.3	92.7	95.4	96.4	97.3	98.3	99.0	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS: 846

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM POLARLY OBSERVATIONS

STATION NUMBER: 035933 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 77-86  
MONTH: DEC HOURS (LST): 1500-1700

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS														
	GE 160	GE 90	GE 80	GE 60	GE 40	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 6	GE 4
NO CEIL		20.9	22.9	25.1	25.6	25.6	25.7	25.6	25.8	25.9	26.3	26.3	26.3	26.5	26.7
GE 20000		26.1	28.6	31.6	32.3	32.3	32.4	32.5	32.5	32.7	32.7	33.2	33.2	33.2	33.2
GE 18000		26.2	28.9	32.1	32.5	32.5	32.6	32.7	32.7	33.0	33.4	33.4	33.4	33.4	33.4
GE 16000		26.2	28.9	32.1	32.5	32.5	32.6	32.7	32.7	33.0	33.4	33.4	33.4	33.4	33.4
GE 14000		26.2	28.9	32.1	32.5	32.5	32.6	32.7	32.7	33.0	33.4	33.4	33.4	33.4	33.4
GE 12000		26.5	29.1	32.3	32.7	32.7	32.8	33.0	33.0	33.2	33.6	33.6	33.6	33.6	33.6
GE 10000		28.4	31.2	34.6	35.3	35.3	35.4	35.5	35.5	35.8	36.2	36.2	36.2	36.3	36.4
GE 9000		28.8	31.7	35.3	35.9	35.9	36.0	36.1	36.1	36.3	36.8	36.8	36.8	36.9	37.0
GE 8000		33.1	36.1	40.2	40.8	40.8	41.0	41.1	41.1	41.4	41.9	41.9	41.9	42.0	42.1
GE 7000		34.3	37.4	41.6	42.4	42.5	42.6	42.7	42.7	42.9	43.4	43.5	43.5	43.6	43.7
GE 6000		34.3	37.4	41.6	42.5	42.6	42.7	42.8	42.8	43.0	43.5	43.6	43.6	43.7	43.8
GE 5000		35.2	38.5	43.0	43.7	43.6	43.9	44.1	44.1	44.4	44.8	45.0	45.0	45.1	45.2
GE 4500		39.9	43.4	48.5	49.6	49.7	49.8	49.9	49.9	50.2	50.7	50.8	50.8	50.9	51.0
GE 4000		45.9	49.7	55.3	56.4	56.5	56.7	56.8	56.8	57.4	57.8	58.0	58.0	58.1	58.2
GE 3500		49.6	53.8	59.4	60.7	60.8	61.0	61.1	61.1	61.8	62.2	62.3	62.4	62.5	62.6
GE 3000		53.5	57.7	64.3	65.7	65.8	66.3	66.6	66.6	67.4	67.8	67.9	68.0	68.1	68.2
GE 2500		58.6	61.3	68.4	69.7	69.8	70.4	70.7	70.7	71.5	72.0	72.1	72.2	72.3	72.4
GE 2000		60.9	65.7	74.2	75.8	75.9	77.0	77.5	77.6	78.6	79.0	79.1	79.3	79.3	79.4
GE 1800		60.9	65.7	74.2	75.8	75.9	77.0	77.5	77.6	78.6	79.0	79.1	79.3	79.3	79.4
GE 1600		64.2	69.4	78.6	80.5	80.7	82.0	82.4	82.5	83.5	84.0	84.1	84.2	84.3	84.4
GE 1400		65.9	71.9	81.6	83.6	84.0	85.4	86.1	86.2	87.3	87.8	87.9	88.1	88.3	88.5
GE 1200		66.3	72.2	82.1	84.2	84.5	86.2	86.9	87.0	88.1	88.6	88.7	88.9	89.1	89.2
GE 1000		66.4	72.3	82.5	85.1	85.4	87.2	88.0	88.1	89.2	89.7	89.8	90.0	90.2	90.3
GE 900		66.8	72.8	83.3	86.1	86.4	88.2	89.3	89.6	90.9	91.4	91.5	91.7	91.9	92.0
GE 800		67.2	73.1	84.1	86.9	87.2	89.1	90.4	91.0	92.5	92.9	93.0	93.4	93.6	93.7
GE 700		67.3	73.3	84.3	87.3	87.6	89.7	91.8	92.5	93.5	94.4	94.5	94.8	95.1	95.2
GE 600		67.3	73.3	84.5	87.8	88.2	90.2	92.7	93.6	94.7	95.7	95.9	96.1	96.4	96.5
GE 500		67.3	73.3	84.5	87.8	88.2	90.2	92.7	93.6	94.7	95.7	95.9	96.1	96.4	96.5
GE 400		67.3	73.3	84.5	87.8	88.2	90.2	92.7	93.6	94.7	95.7	95.9	96.1	96.4	96.5
GE 300		67.3	73.3	84.5	87.8	88.2	90.2	92.7	93.6	94.7	95.7	95.9	96.1	96.4	96.5
GE 200		67.3	73.3	84.5	87.8	88.2	90.2	92.7	93.6	94.7	95.7	95.9	96.1	96.4	96.5
GE 100		67.3	73.3	84.5	87.8	88.2	90.2	92.7	93.6	94.7	95.7	95.9	96.1	96.4	96.5
GE 0		67.3	73.3	84.5	87.8	88.2	90.2	92.7	93.6	94.7	95.7	95.9	96.1	96.4	96.5

TOTAL NUMBER OF OBSERVATIONS: 892

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 015833 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 77-87  
MONTH: DEC HOUR(S): 1400-1500

CEILING IN FEET	GT 160	VISIBILITY IN HUNDREDS OF METERS															
		GE 90	GE 80	GE 60	GE 40	GE 30	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 6	GE 4	GE 3	GE 2	GE 1
NO CEIL	1	24.7	26.2	26.5	30.0	30.1	30.5	31.4	31.4	31.6	31.7	31.7	31.7	31.7	31.7	31.7	31.7
GE 20000		29.1	31.1	33.6	35.3	35.4	35.9	36.8	36.8	36.9	37.0	37.0	37.0	37.4	37.4	37.4	37.7
GE 16000		29.1	31.1	33.6	35.3	35.4	35.9	36.8	36.8	36.9	37.0	37.0	37.0	37.4	37.4	37.4	37.7
GE 14000		29.1	31.1	33.6	35.3	35.4	35.9	36.8	36.8	36.9	37.0	37.0	37.0	37.4	37.4	37.4	37.7
GE 12000		29.1	31.1	33.6	35.3	35.4	35.9	36.8	36.8	36.9	37.0	37.0	37.0	37.4	37.4	37.4	37.7
GE 10000		29.1	31.1	33.6	35.3	35.4	35.9	36.8	36.8	36.9	37.0	37.0	37.0	37.4	37.4	37.4	37.7
GE 8000		30.4	32.5	35.4	36.9	37.0	37.4	38.2	38.2	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3
GE 6000		30.5	32.5	35.4	37.0	37.1	37.6	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5
GE 4000		35.5	38.1	41.4	42.9	43.0	43.6	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5
GE 3000		36.4	39.0	42.2	43.8	43.9	44.5	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4
GE 2000		36.4	39.0	42.2	43.8	43.9	44.5	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4
GE 1500		38.1	40.7	44.2	45.7	45.8	46.4	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
GE 1000		42.5	45.4	49.9	51.7	51.8	52.6	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
GE 800		50.7	54.0	59.4	61.1	61.2	62.1	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
GE 600		54.1	57.7	63.5	65.5	65.6	66.5	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
GE 400		57.5	61.2	67.6	69.7	69.8	70.8	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE 300		61.9	62.9	69.9	72.3	72.4	73.4	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE 200		63.8	68.0	75.7	78.1	78.2	79.4	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
GE 180		63.9	68.1	75.8	78.2	78.3	79.5	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
GE 160		67.1	71.3	79.5	82.5	82.6	83.9	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 140		69.0	73.9	82.6	85.6	85.7	87.3	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 1200		69.3	74.3	83.5	86.7	86.8	88.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 1000		69.9	75.1	84.5	87.7	87.8	89.5	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
GE 800		70.1	75.3	85.0	88.1	88.2	90.3	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 600		70.7	75.9	86.1	89.3	89.4	91.9	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 400		70.7	75.9	86.2	89.5	89.6	92.5	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 300		70.7	75.9	86.2	89.5	89.6	92.5	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 200		70.7	75.9	86.2	89.5	89.6	92.5	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 100		70.7	75.9	86.2	89.5	89.6	92.5	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 01		70.7	75.9	86.2	89.5	89.6	92.5	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3

TOTAL NUMBER OF OBSERVATIONS: 484

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035833 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 77-84

MONTH: DEC HOURS(IST): 2100-2400

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GE 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 9	GE 5	GE 4	GE 0
NO CEIL		25.5	27.6	28.6	29.7	30.0	30.5	31.6	31.9	32.6	32.8	33.0	33.1	33.3	33.5	33.5
GE 20000		28.0	30.2	31.9	32.8	33.2	33.6	34.8	35.1	35.8	36.0	36.1	36.2	36.5	36.7	36.7
GE 18000		28.0	30.2	31.9	32.8	33.2	33.6	34.8	35.1	35.8	36.0	36.1	36.2	36.5	36.7	36.7
GE 16000		28.0	30.2	31.9	32.8	33.2	33.6	34.8	35.1	35.8	36.0	36.1	36.2	36.5	36.7	36.7
GE 14000		28.0	30.2	31.9	32.8	33.2	33.6	34.8	35.1	35.8	36.0	36.1	36.2	36.5	36.7	36.7
GE 12000		28.0	30.2	31.9	32.8	33.2	33.6	34.8	35.1	35.8	36.0	36.1	36.2	36.5	36.7	36.7
GE 10000		30.0	32.3	34.1	35.0	35.3	35.8	36.9	37.3	37.9	38.2	38.3	38.4	38.6	38.8	38.8
GE 9000		30.1	32.4	34.2	35.1	35.4	35.9	37.0	37.4	38.1	38.3	38.4	38.5	38.7	39.0	39.0
GE 8000		34.2	37.1	39.1	40.0	40.3	41.0	42.5	42.8	43.6	43.8	43.9	44.1	44.3	44.5	44.5
GE 7000		34.5	37.5	39.4	40.3	40.7	41.3	42.8	43.1	43.9	44.2	44.3	44.4	44.5	44.6	44.6
GE 6000		34.7	37.6	39.5	40.4	41.0	41.7	43.1	43.5	44.3	44.5	44.6	44.7	44.8	44.9	44.9
GE 5000		37.4	40.5	42.9	43.8	44.2	45.3	46.8	47.1	47.9	48.1	48.2	48.4	48.6	48.8	48.8
GE 4500		41.2	44.7	47.8	48.8	49.2	50.5	52.0	52.3	53.1	53.3	53.5	53.6	53.8	54.0	54.0
GE 4000		47.2	51.0	55.9	57.0	57.3	59.0	60.8	61.6	61.9	61.9	62.1	62.3	62.5	62.5	62.5
GE 3500		52.4	57.0	61.5	62.5	62.9	64.6	66.0	66.4	67.2	67.4	67.5	67.6	67.8	68.1	68.1
GE 3000		55.5	60.8	65.5	66.5	66.6	68.5	70.0	70.3	71.1	71.3	71.5	71.7	71.9	72.1	72.1
GE 2500		57.5	63.2	68.4	69.5	69.9	71.7	73.2	73.5	74.3	74.5	74.6	74.9	75.1	75.3	75.3
GE 2000		62.1	68.2	73.8	75.0	75.4	77.2	78.7	79.0	79.8	80.1	80.2	80.4	80.6	80.9	80.9
GE 1800		62.4	68.5	74.5	75.7	76.1	77.9	79.4	79.7	80.5	80.7	80.9	81.1	81.3	81.5	81.5
GE 1500		65.7	72.1	78.7	81.0	81.4	83.4	84.8	85.2	86.0	86.3	86.4	86.6	86.9	87.1	87.1
GE 1200		68.0	74.7	81.4	83.7	84.1	86.1	87.9	88.7	89.0	89.4	89.5	89.7	89.9	90.1	90.1
GE 1000		68.4	75.2	82.1	84.5	84.9	86.9	88.4	88.7	89.1	89.5	89.6	89.9	90.1	90.3	90.3
GE 900		68.6	75.5	82.7	85.1	85.5	87.4	89.0	89.3	89.7	90.1	90.2	90.4	90.6	90.8	90.8
GE 800		69.2	76.3	83.8	86.4	86.9	88.8	91.1	91.5	92.3	92.6	92.8	93.1	93.3	93.5	93.5
GE 700		69.4	76.8	84.4	87.0	87.4	89.7	92.1	92.5	93.3	93.7	93.8	94.1	94.3	94.6	94.6
GE 600		69.4	76.9	84.5	87.2	87.7	89.9	92.3	92.8	93.5	93.9	94.0	94.3	94.6	94.8	94.8
GE 500		69.4	76.9	84.5	87.2	87.8	90.0	93.1	93.5	94.3	94.7	94.8	95.1	95.4	95.6	95.6
GE 400		69.4	76.9	84.5	87.2	87.8	90.0	93.3	93.8	94.5	94.9	95.0	95.3	95.6	95.8	95.8
GE 300		69.4	76.9	84.5	87.2	87.8	90.0	93.4	93.9	94.6	95.0	95.1	95.4	95.7	96.0	96.0
GE 200		69.4	76.9	84.5	87.2	87.8	90.0	93.5	94.0	94.7	95.1	95.2	95.5	95.8	96.1	96.1
GE 100		69.4	76.9	84.5	87.2	87.8	90.0	93.5	94.0	94.7	95.1	95.2	95.5	95.8	96.1	96.1
GE 0		69.4	76.9	84.5	87.2	87.8	90.0	93.5	94.0	94.7	95.1	95.2	95.5	95.8	96.1	96.1

TOTAL NUMBER OF OBSERVATIONS: 463

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035633 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 77-84

MONTH: DEC HOURS (EST): ALL

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN FEET		160	90	80	60	48	40	32	24	20	16	12	10	8	6	4	3
NO CEIL	1	25.4	27.2	29.1	30.1	30.2	30.8	31.4	31.6	31.8	32.0	32.1	32.2	32.4	32.6	32.7	32.8
GE 20000	1	29.0	31.0	33.3	34.3	34.5	35.0	35.7	35.9	36.1	36.3	36.4	36.5	36.7	36.9	37.1	37.2
GE 18000	1	29.0	31.1	33.4	34.4	34.6	35.2	35.8	36.0	36.3	36.4	36.6	36.7	36.9	37.0	37.2	37.3
GE 16000	1	29.0	31.1	33.4	34.4	34.6	35.2	35.8	36.0	36.3	36.4	36.6	36.7	36.9	37.0	37.2	37.3
GE 14000	1	29.0	31.1	33.4	34.4	34.6	35.2	35.8	36.0	36.3	36.4	36.6	36.7	36.9	37.0	37.2	37.3
GE 12000	1	29.1	31.2	33.5	34.5	34.7	35.3	35.9	36.1	36.4	36.6	36.7	36.8	37.0	37.1	37.4	37.5
GE 10000	1	30.6	32.7	35.2	36.3	36.4	37.0	37.7	37.9	38.1	38.3	38.4	38.5	38.7	38.9	39.1	39.2
GE 9000	1	30.8	33.0	35.5	36.5	36.7	37.3	37.9	38.1	38.4	38.6	38.7	38.8	39.0	39.1	39.4	39.5
GE 8000	1	30.4	32.9	35.0	36.1	36.2	36.8	37.5	37.7	38.0	38.2	38.3	38.4	38.6	38.7	39.0	39.1
GE 7000	1	30.2	32.7	34.6	35.7	35.8	36.4	37.1	37.3	37.6	37.8	37.9	38.0	38.2	38.3	38.6	38.7
GE 6000	1	30.5	32.9	34.8	35.9	36.0	36.6	37.3	37.5	37.8	38.0	38.1	38.2	38.4	38.5	38.8	38.9
GE 5000	1	30.0	32.4	34.3	35.4	35.5	36.1	36.8	37.0	37.3	37.5	37.6	37.7	37.9	38.0	38.3	38.4
GE 4000	1	30.7	33.1	35.0	36.1	36.2	36.8	37.5	37.7	38.0	38.2	38.3	38.4	38.6	38.7	39.0	39.1
GE 3500	1	31.9	34.3	36.2	37.3	37.4	38.0	38.7	38.9	39.2	39.4	39.5	39.6	39.8	39.9	40.2	40.3
GE 3000	1	32.5	34.9	36.8	37.9	38.0	38.6	39.3	39.5	39.8	40.0	40.1	40.2	40.4	40.5	40.8	40.9
GE 2500	1	32.8	35.2	37.1	38.2	38.3	38.9	39.6	39.8	40.1	40.3	40.4	40.5	40.7	40.8	41.1	41.2
GE 2000	1	33.4	35.8	37.7	38.8	38.9	39.5	40.2	40.4	40.7	40.9	41.0	41.1	41.3	41.4	41.7	41.8
GE 1800	1	34.0	36.4	38.3	39.4	39.5	40.1	40.8	41.0	41.3	41.5	41.6	41.7	41.9	42.0	42.3	42.4
GE 1600	1	34.6	37.0	38.9	40.0	40.1	40.7	41.4	41.6	41.9	42.1	42.2	42.3	42.5	42.6	42.9	43.0
GE 1400	1	35.2	37.6	39.5	40.6	40.7	41.3	42.0	42.2	42.5	42.7	42.8	42.9	43.1	43.2	43.5	43.6
GE 1200	1	35.8	38.2	40.1	41.2	41.3	41.9	42.6	42.8	43.1	43.3	43.4	43.5	43.7	43.8	44.1	44.2
GE 1000	1	36.4	38.8	40.7	41.8	41.9	42.5	43.2	43.4	43.7	43.9	44.0	44.1	44.3	44.4	44.7	44.8
GE 900	1	37.0	39.4	41.3	42.4	42.5	43.1	43.8	44.0	44.3	44.5	44.6	44.7	44.9	45.0	45.3	45.4
GE 800	1	37.6	39.8	41.7	42.8	42.9	43.5	44.2	44.4	44.7	44.9	45.0	45.1	45.3	45.4	45.7	45.8
GE 700	1	38.2	40.4	42.3	43.4	43.5	44.1	44.8	45.0	45.3	45.5	45.6	45.7	45.9	46.0	46.3	46.4
GE 600	1	38.8	40.8	42.7	43.8	43.9	44.5	45.2	45.4	45.7	45.9	46.0	46.1	46.3	46.4	46.7	46.8
GE 500	1	39.4	41.4	43.3	44.4	44.5	45.1	45.8	46.0	46.3	46.5	46.6	46.7	46.9	47.0	47.3	47.4
GE 400	1	40.0	42.0	43.9	45.0	45.1	45.7	46.4	46.6	46.9	47.1	47.2	47.3	47.5	47.6	47.9	48.0
GE 300	1	40.6	42.6	44.5	45.6	45.7	46.3	47.0	47.2	47.5	47.7	47.8	47.9	48.1	48.2	48.5	48.6
GE 200	1	41.2	43.2	45.1	46.2	46.3	46.9	47.6	47.8	48.1	48.3	48.4	48.5	48.7	48.8	49.1	49.2
GE 100	1	41.8	43.8	45.7	46.8	46.9	47.5	48.2	48.4	48.7	48.9	49.0	49.1	49.3	49.4	49.7	49.8
GE 0	1	42.4	44.4	46.3	47.4	47.5	48.1	48.8	49.0	49.3	49.5	49.6	49.7	49.9	50.0	50.3	50.4
GE 1	1	43.0	45.0	46.9	48.0	48.1	48.7	49.4	49.6	49.9	50.1	50.2	50.3	50.5	50.6	50.9	51.0

TOTAL NUMBER OF OBSERVATIONS: 7142

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035933 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 77-87  
MONTH: ALL HOURS: ALL

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GE 160	GE 90	GE 80	GE 60	GE 40	GE 30	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 6	GE 4	GE 3	GE 0
NO CEIL		25.9	28.0	30.3	31.4	31.6	32.4	32.9	33.0	33.2	33.3	33.4	33.5	33.6	33.6	33.6
GE 20000		70.6	33.1	35.9	37.1	37.4	38.3	38.5	38.9	39.1	39.2	39.3	39.4	39.5	39.5	39.5
GE 18000		70.8	33.3	36.1	37.3	37.6	38.5	39.0	39.1	39.3	39.4	39.5	39.6	39.7	39.7	39.7
GE 16000		70.8	33.3	36.1	37.4	37.6	38.5	39.0	39.1	39.4	39.5	39.6	39.7	39.7	39.7	39.7
GE 14000		70.8	33.3	36.1	37.4	37.7	38.5	39.1	39.2	39.4	39.5	39.6	39.7	39.7	39.7	39.7
GE 12000		71.0	33.5	36.3	37.6	37.8	38.7	39.3	39.3	39.6	39.7	39.8	39.9	39.9	39.9	39.9
GE 10000		72.5	35.1	38.1	39.5	39.7	40.6	41.2	41.3	41.5	41.6	41.7	41.8	41.9	42.0	42.0
GE 9000		73.0	35.7	38.7	40.1	40.3	41.2	41.8	41.9	42.2	42.3	42.4	42.5	42.6	42.6	42.6
GE 8000		77.0	40.0	43.4	45.0	45.3	46.3	46.8	46.9	47.0	47.3	47.4	47.5	47.6	47.7	47.7
GE 7000		77.9	41.0	44.5	46.1	46.4	47.4	48.0	48.1	48.4	48.6	48.7	48.8	48.9	49.0	49.0
GE 6000		78.1	41.3	44.9	46.4	46.7	47.7	48.3	48.5	48.8	48.9	49.0	49.1	49.2	49.2	49.2
GE 5000		80.4	43.8	47.6	49.2	49.6	50.7	51.3	51.4	51.7	51.8	51.9	52.0	52.1	52.2	52.2
GE 4000		84.5	48.2	52.4	54.2	54.6	55.7	56.4	56.6	56.9	57.0	57.1	57.2	57.3	57.4	57.4
GE 3000		81.0	55.2	60.1	62.1	62.5	63.8	64.5	64.6	65.1	65.2	65.3	65.4	65.5	65.6	65.6
GE 2000		85.5	60.2	66.2	67.3	67.7	69.1	69.9	70.1	70.5	70.7	70.8	70.9	71.0	71.1	71.1
GE 1000		80.6	65.4	71.5	73.4	73.6	75.4	76.3	76.5	77.0	77.1	77.2	77.3	77.4	77.4	77.4
GE 2000		82.7	67.9	73.8	76.3	76.8	78.4	79.3	79.5	80.1	80.2	80.3	80.4	80.5	80.6	80.6
GE 1800		85.6	71.1	77.6	80.4	80.9	82.7	83.5	84.0	84.2	84.3	84.4	84.5	84.6	84.7	84.7
GE 1600		85.9	71.5	78.1	80.9	81.4	83.2	84.3	84.6	85.1	85.2	85.3	85.4	85.5	85.6	85.6
GE 1400		87.6	73.6	80.5	83.6	84.2	86.1	87.3	87.6	88.0	88.4	88.5	88.6	88.7	88.8	88.8
GE 1200		85.8	75.1	82.6	85.7	86.4	88.5	89.7	90.0	90.6	90.9	91.0	91.1	91.2	91.3	91.3
GE 1000		89.1	75.6	83.3	86.7	87.4	89.6	91.1	91.3	92.0	92.2	92.3	92.4	92.5	92.6	92.6
GE 900		89.3	75.8	83.7	87.2	87.9	90.1	91.5	91.8	92.5	92.7	92.8	92.9	93.0	93.1	93.1
GE 800		89.5	76.1	84.1	87.6	88.3	90.5	92.0	92.3	93.0	93.2	93.3	93.4	93.5	93.6	93.6
GE 700		89.6	76.3	84.7	88.5	89.3	91.5	93.4	93.7	94.5	94.6	94.7	94.8	94.9	95.0	95.0
GE 600		89.6	76.5	84.9	88.8	89.7	92.2	94.0	94.4	95.1	95.2	95.3	95.4	95.5	95.6	95.6
GE 500		89.7	76.5	85.2	89.2	90.0	92.5	94.7	95.0	96.1	96.2	96.3	96.4	96.5	96.6	96.6
GE 400		89.7	76.6	85.3	89.3	90.2	92.7	95.0	95.3	96.5	96.7	96.8	96.9	97.0	97.1	97.1
GE 300		89.7	76.6	85.3	89.3	90.2	92.7	95.0	95.3	96.5	96.7	96.8	96.9	97.0	97.1	97.1
GE 200		89.7	76.6	85.3	89.3	90.2	92.7	95.0	95.3	96.5	96.7	96.8	96.9	97.0	97.1	97.1
GE 100		89.7	76.6	85.3	89.3	90.2	92.7	95.0	95.3	96.5	96.7	96.8	96.9	97.0	97.1	97.1
GE 0		89.7	76.6	85.3	89.3	90.2	92.7	95.0	95.3	96.5	96.7	96.8	96.9	97.0	97.1	97.1

TOTAL NUMBER OF OBSERVATIONS: 84407

PPPPPPPP	AAAAAA	RRRRRRR	TTTTTTTT	TTTTTTTT
PPPPPPPP	AAAAAA	RRRRRRR	TTTTTTTT	TTTTTTTT
PP PP	AA AA	RR RR	TT	TT
PP PP	AA AA	RR RR	TT	TT
PPPPPPPP	AA AA	RRRRRRR	TT	TT
PPPPPPPP	AAAAAAAA	RRRRRRR	TT	TT
PP	AAAAAAAA	RR RR	TT	TT
PP	AA AA	RR RR	TT	TT
PP	AA AA	RR RR	TT	TT
PP	AA AA	RR RR	TT	TT



#### TEMPERATURE AND RELATIVE HUMIDITY SUMMARIES

##### CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF DAILY MAXIMUM MINIMUM AND MEAN TEMPERATURES

DATA DERIVED FROM SUMMARY OF DAY DATA.

PERCENTAGE TABULATIONS PRESENTED BY 5-DEGREE FAHRENHEIT INCREMENTS PLUS THE MEAN, STANDARD DEVIATIONS AND TOTAL OBSERVATION COUNT.

THE MINIMUM TABLE ALSO INCLUDES A 33 FAHRENHEIT DEGREE INCREMENT.

SINCE MANY STATIONS/SITES DO NOT HAVE MAXIMUM/MINIMUM THERMOMETERS, THESE TEMPERATURES WERE CALCULATED BY FINDING THE HOURLY OBSERVATIONS FOR THE HIGHEST AND LOWEST VALUES.

STATISTICS DO NOT INCLUDE INCOMPLETE MONTHS (THOSE CONTAINING ASTERISKS).

FOUR OR MORE COMPLETE MONTHS ARE REQUIRED FOR COMPUTATION AND DISPLAY OF STATISTICAL VALUES.

##### EXTREME MAXIMUM AND MINIMUM VALUES

DATA DERIVED FROM SUMMARY OF DAY DATA.

PRESENTED ARE THE HIGHEST (LOWEST) TEMPERATURE FOR THE MONTH FOR EACH YEAR.

ALSO PRESENTED ARE STATISTICAL VALUES WITH THE SAME LIMITATIONS MENTIONED ABOVE.

AN ASTERISK INDICATES AN INCOMPLETE MONTH.

##### MEANS AND STANDARD DEVIATIONS FOR DRY BULB, WET BULB AND DEW POINT TEMPERATURES

DATA DERIVED FROM HOURLY OBSERVATIONS.

DATA PRESENTED BY THE STANDARD 24-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED).

PRESENTED ARE MEANS, STANDARD DEVIATION AND OBSERVATION COUNTS.

##### CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY

DATA DERIVED FROM HOURLY OBSERVATIONS.

SUMMARIZED BY THE STANDARD 24-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED).

PERCENTAGE VALUES PRESENTED IN 10-DEGREE INCREMENTS OF RELATIVE HUMIDITY.

ALSO PRESENTED ARE THE MEAN VALUES AND OBSERVATION COUNTS.

COMMITTEE ON THE STATUS OF WOMEN, UNITED NATIONS  
ECONOMIC AND SOCIAL COUNCIL

110211 • *See* 110209

[illegible]

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE OF OCCURRENCE OF MINIMUM TEMPERATURES  
FROM SUMMARY OF TAY DATA

STATION NUMBER: 035833

STATION NAME: RAF LARKHOUTH UNITED KINGDOM

PERIOD OF RECORD: 1951-1980

TEMP(F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	UNADJ
GE 70						2.2							2.2
GE 65						2.4	2.3	2.1	2.1				2.4
GE 60						2.7	7.4	7.4	2.6	2.7			2.7
GE 55	4.1				1.9	18.7	43.1	79.3	18.1	5.2			4.1
GE 50	4.6	4.4	1.2	3.4	17.2	55.5	70.7	75.1	51.0	19.7	4.7	1.2	4.6
GE 45	6.3	4.8		10.2	51.8	84.3	90.1	95.1	78.4	51.7	21.4	11.2	6.3
GE 40	16.7	17.4	24.8	44.0	74.6	96.2	99.5	99.0	94.3	74.7	40.4	17.1	16.7
GE 35	46.6	47.1	60.3	70.7	95.5	99.5	100.0	100.0	99.8	91.5	71.6	50.1	46.6
GE 30	58.5	54.6	72.4	86.4	98.1	99.6			100.0	98.4	80.1	60.2	58.5
GE 25	74.5	74.4	85.4	95.2	99.7	99.9				99.2	85.4	70.2	74.5
GE 20	89.2	87.7	95.9	99.4	100.0	100.0				100.0	97.1	81.2	89.2
GE 15	95.4	96.2	99.2	100.0							99.4	87.2	95.4
GE 10	98.4	98.9	99.9								100.0	99.9	98.4
GE 5	99.7	99.9	100.0									100.0	99.7
GE 0	100.0	100.0											100.0
MEAN	1	33.5	33.2	35.6	38.8	44.2	49.7	53.2	52.6	49.2	44.5	36.1	33.5
SD	1	7.483	6.932	6.164	5.776	5.345	5.395	4.633	4.857	5.714	6.743	7.167	7.483
TOTAL OBS	1	1160	1059	1147	1096	1159	1108	1126	1141	1146	1169	1117	1147

METEOROLOGICAL BRANCH  
 GRAFETAC  
 AIR WEATHER SERVICE/MAL

CUMULATIVE PERCENTAGE OF OCCURRENCE OF MEAN TEMPERATURES  
 FROM SUMMARY OF DAY DATA

STATION NUMBER: 075937

STATION NAME: WAF LAKEHURST INTD WINDM

PERIOD OF RECORD: 4447

TEMPERATURE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
GE 67						1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
GE 70						1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
GE 73					1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
GE 76					1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
GE 79					1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
GE 82					1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
GE 85					1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
GE 88					1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
GE 91					1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
GE 94					1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
GE 97					1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
GE 100					1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
GE 103					1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
GE 106					1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
GE 109					1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
GE 112					1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
GE 115					1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
GE 118					1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
GE 121					1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
GE 124					1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
GE 127					1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
MEAN	1	18.2	33.6	42.5	46.7	52.7	58.5	61.7	61.0	57.6	51.6	44.1	44.1
SD	1	6.411	6.415	5.752	5.344	5.252	5.177	4.777	4.171	4.144	4.777	5.277	5.277
TOTAL OPS	1	1160	1559	1147	1054	1154	1136	1117	1141	1144	1107	1117	1147

GLOBAL CLIMATOLOGY BRANCH  
 CSAF/ETAC  
 AIR WEATHER SERVICE/MAC

EXTREME VALUES OF MAXIMUM TEMPERATURE  
 (FROM DAILY OBSERVATIONS)

STATION NUMBER: 070677 STATION NAME: RAF LAKENHEATH, UNITED KINGDOM

PERIOD OF RECORD: 1947-57

YEAR	WHOLE DEGREES FAHRENHEIT												ALL MONTHS
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
49					68	65	67	64	68	74	54	56	
50	65	67	62	66	71	90	84	89	71	71	56	50	90
51	52	57	57	73	64	74	79	79	77	65	59	54	79
52	52	53	56	75	78	57	67	78	71	59	55	51	67
53	55	56	64	65	62	79	61	69	77	71	57	54	64
54	54	56	59	61	61	74	75	80	65	65	59	54	55
55	54	61	58	70	54	75	64	85	78	68	60	52	68
56	56	61	63	67	75	71	60	71	77	63	55	56	60
57	54	57	67	64	71	50	51	79	64	65	54	55	50
58	52	59	55	77	75	75	73	78	50	63	56	54	50
59	57	63	61	70	78	80	91	85	80	77	53	55	61
60	55	60	62	67	76	64	73	75	74	65	61	55	64
61	54	61	64	65	73	65	90	85	82	71	59	54	60
62	55	56	55	64	66	77	75	75	76	67	57	55	77
63	47	41	59	66	83	61	60	74	74	65	60	49	61
64	50	57	54	65	80	75	67	90	75	71	54	54	60
65	54	50	73	65	83	72	72	75	70	72	54	57	60
66	53	56	55	69	74	61	75	80	70	64	60	54	61
67	55	55	65	70	78	73	84	78	76	65	54	56	64
68	56	47	77	77	72	80	90	79	77	70	54	50	60
69	54	47	54	71	79	79	70	70	77	77	60	54	60
70	46	54	54	61	75	65	64	81	74	74	61	54	65
71	53	60	53					75	75	71	61	57	
72	61	51	66	60	60	69	74	75	71	71	60	57	78
73	51	55	64	67	71	73	72	87	56	71	60	53	67
74	57	55	60	68	73	75	75	74	71	57	57	60	74
75	57	53	55	64	63	60	56	61	73	64	57	57	61
76	55	60	57	64	78	77	64	64	73	64	55	44	63
77	57	55	64	56	77	80	64	80	75	65	60	54	54
78	49	65	62	67	61	60	77	75	75	75	60	57	51

NOTES: \* (BASED ON LESS THAN FULL MONTHS)  
 # (AT LEAST ONE DAY LESS THAN 24 HRS)

CONTINUED ON NEXT PAGE....

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF MAXIMUM TEMPERATURE  
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 02937 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 40-YR

YEAR	WHOLE DEGREE FAHRENHEIT												ALL MONTHS
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
79	46	45	54	71	78	77	81	77	75	70	64	55	40
80	50	54	57	77	72	82	77	77	75	64	61	57	42
81	54	55	66	64	73	75	82	84	79	65	61	50	44
82	55	57	67	64	77	82	85	86	82	64	64	54	46
83	59	52	59	54	70	75	80	86	87	75	67	54	46
84	55	54	64	72	84	79	85	86	87	70	64	55	45
85	54	55	65	68	72	73	80	87	81	82	61	57	46
86	52	39	57	61	70	84	84	87	78	75	64	54	44
87	50	65	54	77	70	80	80	82	75				
MEAN	57.0	57.7	67.9	68.9	74.5	79.2	80.5	81.0	78.5	68.0	59.4	55.4	44.5
S.D.	3.555	5.225	5.526	4.820	4.919	5.416	5.831	5.714	4.561	5.64	3.520	3.319	4.725
TOTAL OBS	1160	1059	1147	1098	1159	1108	1129	1141	1146	1164	1117	1145	1764

NOTES \* (BASED ON LESS THAN FULL MONTHS)  
# (AT LEAST ONE DAY LESS THAN 24 OBS)

GLOBAL CLIMATOLOGY BRANCH  
USAF/ETAC  
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF MINIMUM TEMPERATURE  
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 035833 STATION NAME: RAF LAKENHEATH (UNITED KINGDOM)

PERIOD OF RECORD: 47-97

YEAR	WHOLE DEGREES FAHRENHEIT												ALL MONTHS
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
49					30	36	43	41	46	30	28	*27	
50	27	27	27	26	35	45	46	45	41	29	24	19	19
51	23	23	26	30	31	39	42	45	*41	26	24	20	20
52	15	24	27	29	37	47	44	46	37	26	27	27	19
53	26	17	24	26	31	41	46	43	41	26	32	27	17
54	19	11	20	24	35	37	43	45	37	31	27	27	11
55	19	11	27	25	34	39	44	43	41	26	26	22	11
56	21	17	27	26	31	36	*44	34	41	30	*27	*29	10
57	*29	*37	*33	*37	*39	*48	*55	*45	*37	*34	*31	*24	*24
58	*27	*25	*21	*25	*44	*49	*46	47	47	36	31	*25	*20
59	20	24	35	36	33	43	47	46	47	26	27	*31	20
60	*22	24	30	37	32	*41	43	45	41	33	32	27	*21
61	26	30	24	37	36	38	34	41	43	31	24	21	11
62	10	25	15	28	28	29	42	42	34	30	27	27	7
63	4	9	23	29	30	47	42	44	47	29	27	19	4
64	15	14	25	30	37	41	35	37	36	31	27	22	12
65	24	22	14	29	24	34	39	44	47	37	17	15	14
66	12	22	24	26	32	37	42	37	26	21	27	27	12
67	15	20	24	21	26	34	44	39	36	29	27	27	12
68	17	21	27	27	31	35	42	44	34	27	24	27	10
69	24	14	17	25	35	36	45	39	*37	27	19	27	14
70	14	22	15	24	39	42	45	42	42	27	27	27	14
71	24	23	*19					*44	36	29	27	27	14
72	17	20	30	37	30	37	41	36	37	27	24	27	17
73	24	14	24	24	33	37	44	42	27	27	27	27	14
74	24	24	26	30	33	37	44	39	27	27	24	27	24
75	30	26	24	29	*32	35	42	44	24	27	24	24	24
76	19	32	25	24	32	42	44	39	24	24	24	24	19
77	24	26	26	27	35	41	44	44	41	27	24	27	24
78	24	19	29	26	37	41	44	44	41	36	27	21	17

NOTES \* BASED ON LESS THAN FULL MONTHS  
# AT LEAST ONE DAY LESS THAN 24 HRS

CONTINUED ON NEXT PAGE....

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF MINIMUM TEMPERATURE  
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 015833 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 49-YR

YEAR	WHOLE DEGREES FAHRENHEIT												ALL MONTHS
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
79	14	24	28	37	37	44	44	44	37	37	27	27	14
80	21	17	28	37	32	45	45	41	45	32	27	26	21
81	27	25	32	37	37	43	46	43	43	29	27	17	17
82	10	25	27	37	27	46	57	48	41	34	*30	25	10
83	10	*23	20	32	36	*46			*47	*32	25	*25	
84	*21	23	20	23	32	43	46	48	*45	34	*36	*27	*21
85	16	12	*25	29	37	36	46	*46	41	34	23	*23	16
86	25	18	*19	30	*39	36	*45	*43	34	36	34	25	18
87	12	21	21	36	37	39	46	45	35				
MEAN	15.5	21.4	25.3	28.0	33.0	39.3	47.6	47.8	39.0	32.4	25.4	21.5	14.5
S.D.	6.537	6.231	5.765	7.162	3.070	3.960	7.464	3.336	3.757	3.465	4.163	6.454	5.002
TOTAL OBS	1160	1059	1147	1098	1159	1102	1128	1141	1146	1169	1117	1146	1750

NOTES \* (BASED ON LESS THAN FULL MONTHS)  
# (AT LEAST ONE DAY LESS THAN 24 OBS)



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

DRY-BULB TEMPERATURES DERIVED FROM  
HOURLY OBSERVATIONS

MEANS AND STANDARD DEVIATIONS

STATION NUMBER: 015833 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 77-87

HOURS	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02	MEAN	27.1	36.3	40.2	42.7	47.2	53.4	57.1	56.2	54.1	49.6	45.1	41.0	46.5
	SD	7.706	7.047	5.967	5.637	5.262	4.662	4.654	4.866	5.973	6.828	7.820	7.604	7.473
	TOT OBS	915	837	916	900	915	840	827	828	873	921	872	897	10514
03-05	MEAN	26.6	35.6	39.2	41.3	45.9	52.1	55.4	55.1	52.7	48.6	44.5	40.5	45.5
	SD	7.769	7.151	5.917	5.472	5.254	4.453	4.708	4.902	6.026	6.909	8.079	7.637	7.262
	TOT OBS	915	837	916	899	915	841	825	824	873	921	870	897	10514
06-08	MEAN	26.4	35.2	39.6	43.6	49.6	55.9	58.4	57.7	54.3	49.1	44.4	40.4	47.0
	SD	7.737	7.226	5.884	5.618	5.321	5.191	4.535	4.785	5.774	6.833	8.161	7.002	10.144
	TOT OBS	915	837	916	900	911	845	824	824	881	921	870	894	10514
09-11	MEAN	27.6	38.1	44.0	49.4	55.2	61.1	64.3	64.0	60.4	54.6	46.6	41.5	51.4
	SD	7.265	6.509	5.477	6.512	6.218	6.159	5.391	5.067	5.072	6.059	7.749	7.326	11.076
	TOT OBS	915	837	916	900	912	847	834	824	890	921	872	894	10514
12-14	MEAN	40.5	41.0	47.0	52.1	57.9	63.9	67.5	67.2	64.5	58.0	49.6	44.0	54.0
	SD	6.668	6.386	5.080	7.357	6.867	7.005	6.272	6.027	5.344	5.804	7.279	6.636	11.541
	TOT OBS	915	837	916	900	908	848	827	831	891	921	876	896	11540
15-17	MEAN	29.8	40.6	46.9	52.0	57.8	63.7	67.9	67.6	64.2	58.5	48.5	43.4	53.9
	SD	6.862	6.459	5.644	7.441	6.903	6.492	6.335	6.304	5.926	5.791	7.170	6.775	11.607
	TOT OBS	917	840	921	900	912	846	830	824	883	921	876	890	10516
18-20	MEAN	28.1	38.1	43.4	48.6	54.3	60.5	65.5	63.5	59.3	52.4	45.1	41.6	50.7
	SD	7.426	6.474	5.546	6.469	6.417	6.412	5.644	5.644	5.423	5.469	7.540	7.101	11.173
	TOT OBS	916	878	919	900	912	839	826	820	881	921	878	844	10514
21-23	MEAN	27.3	36.4	41.0	44.5	49.4	55.3	59.7	59.7	56.7	50.3	45.1	41.1	47.8
	SD	7.500	6.752	5.775	5.678	5.464	5.154	4.694	4.919	5.658	6.546	7.571	7.290	9.914
	TOT OBS	918	837	914	900	912	837	822	824	877	921	875	883	10506
ALL	MEAN	38.0	37.7	42.7	46.7	52.2	58.3	62.0	61.4	58.2	52.4	46.3	41.6	49.8
	SD	7.502	7.055	6.443	7.467	7.441	7.268	6.973	7.004	7.176	7.220	7.470	7.364	11.087
HOURS	TOT OBS	7326	6700	7349	7194	7297	6743	6026	6614	7049	7374	6987	7146	84410

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

WEI-BULB TEMPERATURES DEG F FROM  
HOURLY OBSERVATIONS

MEANS AND STANDARD DEVIATIONS

STATION NUMBER: 055833 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 77-87

HOURS LST	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02	MEAN	34.6	34.3	37.5	39.9	44.8	50.8	53.9	53.5	50.8	46.9	42.6	38.4	43.6
	SD	7.237	6.746	5.768	5.375	4.907	4.579	4.334	4.718	5.613	6.785	7.442	7.415	9.027
	TOT OBS	915	837	916	900	915	840	823	826	873	921	872	897	10534
03-05	MEAN	34.5	33.7	36.6	36.9	43.8	49.7	52.7	52.2	49.8	46.0	42.1	38.4	43.1
	SD	7.311	6.800	5.803	5.243	4.972	4.649	4.461	4.818	5.716	6.873	7.650	7.444	9.404
	TOT OBS	915	837	916	899	915	841	825	828	873	921	870	897	10534
06-08	MEAN	34.4	33.3	37.2	40.7	46.7	52.3	55.2	54.1	51.1	46.4	41.9	38.3	44.2
	SD	7.278	6.896	5.764	5.183	4.571	4.470	4.067	4.472	5.294	6.712	7.717	7.387	9.444
	TOT OBS	915	837	916	900	911	845	828	828	881	921	870	899	10533
09-11	MEAN	35.6	35.6	40.5	44.3	49.6	54.8	57.9	57.4	55.1	50.4	43.4	39.5	46.7
	SD	6.789	6.161	5.179	5.272	4.809	4.572	4.192	4.195	4.121	5.635	7.323	7.122	9.614
	TOT OBS	915	837	916	900	912	847	834	824	860	925	872	894	10533
12-14	MEAN	37.6	37.7	42.3	45.6	50.8	56.0	59.1	58.8	56.4	52.1	43.6	41.4	48.6
	SD	6.235	6.065	5.213	5.566	5.055	5.197	4.413	4.510	4.323	5.219	6.820	6.443	9.324
	TOT OBS	915	837	916	900	908	847	837	831	891	923	876	896	10534
15-17	MEAN	37.1	37.4	42.0	45.4	50.6	55.9	59.3	58.7	56.3	51.3	44.4	40.7	47.2
	SD	6.454	6.186	5.151	5.051	5.066	5.090	4.382	4.623	4.573	5.245	6.796	6.552	9.494
	TOT OBS	917	840	921	900	910	844	830	828	883	921	876	892	10564
18-20	MEAN	35.7	35.6	39.6	43.3	48.8	54.7	58.1	57.0	54.0	48.5	43.2	39.6	46.4
	SD	6.987	6.264	5.338	5.450	5.130	4.596	4.264	4.437	4.735	5.475	7.113	6.955	9.583
	TOT OBS	916	839	914	900	910	834	820	822	881	921	876	893	10533
21-23	MEAN	35.1	34.6	38.2	41.1	46.2	51.2	55.4	54.5	51.5	47.3	42.5	39.1	44.7
	SD	7.057	6.494	5.587	5.274	4.956	4.602	4.180	4.589	5.321	6.444	7.408	7.154	9.193
	TOT OBS	918	837	914	900	912	837	823	824	877	921	875	893	10526
ALL	MEAN	35.6	35.3	39.3	42.4	47.7	53.3	56.5	55.8	53.2	48.5	43.3	39.5	45.7
HOURS	SD	7.015	6.530	5.651	5.894	5.528	5.288	4.882	5.102	5.551	6.524	7.476	7.140	9.523
	TOT OBS	7326	6700	7344	7199	7297	6740	6626	6614	7049	7374	6997	7141	84406

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

DEW-POINT TEMPERATURES DEG F FROM  
HOURLY OBSERVATIONS

MEANS AND STANDARD DEVIATIONS

STATION NUMBER: 035833 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 77-67

HOURS	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02	MEAN	31.4	30.8	33.6	36.3	42.0	48.4	51.3	50.6	47.9	44.1	39.6	36.1	40.9
	SD	8.118	7.604	6.884	6.230	5.428	5.127	4.700	5.385	6.226	7.600	8.120	8.366	7.756
	TOT OBS	915	837	916	900	915	840	823	829	873	921	872	847	10539
03-05	MEAN	31.0	30.3	33.3	35.6	41.4	47.6	50.4	49.7	47.1	43.3	39.1	35.2	40.2
	SD	8.171	7.643	6.894	6.131	5.458	5.075	4.789	5.511	6.372	7.718	8.343	8.437	7.778
	TOT OBS	915	837	916	899	915	841	825	826	873	921	870	857	10539
06-08	MEAN	30.9	30.0	33.6	37.0	43.5	49.2	52.2	51.1	48.2	43.6	39.0	35.3	41.0
	SD	8.135	7.739	6.849	5.984	5.025	4.983	4.420	5.110	5.809	7.467	8.453	8.409	10.064
	TOT OBS	915	837	918	900	911	845	828	825	881	921	870	854	10553
09-11	MEAN	32.1	31.8	35.9	38.4	44.0	49.6	53.0	52.3	50.2	46.5	40.5	36.3	42.4
	SD	7.562	7.012	6.451	6.251	5.860	5.755	4.831	5.176	5.003	6.010	6.077	6.074	6.406
	TOT OBS	915	837	918	900	912	847	834	829	890	925	872	854	10573
12-14	MEAN	33.5	32.7	36.4	38.1	43.8	49.6	52.9	52.0	49.8	46.5	41.3	37.5	42.5
	SD	7.139	7.359	6.936	6.588	6.474	6.060	5.168	5.656	5.655	6.636	7.808	7.632	6.552
	TOT OBS	915	837	918	900	908	847	837	831	891	923	876	896	10574
15-17	MEAN	33.1	32.5	35.8	37.7	43.5	49.6	52.9	51.9	49.8	46.1	40.9	37.5	42.5
	SD	7.480	7.548	7.015	6.736	6.462	5.884	5.218	5.583	5.871	6.651	7.799	7.745	6.714
	TOT OBS	917	840	921	900	912	844	830	828	883	921	876	892	10564
18-20	MEAN	32.1	31.7	35.0	37.4	43.3	49.8	52.9	51.9	49.3	45.1	39.9	36.7	41.9
	SD	7.866	7.381	6.788	6.596	6.298	5.607	4.957	5.240	5.660	6.804	7.972	8.040	6.896
	TOT OBS	916	838	919	900	912	839	826	822	881	921	876	883	10533
21-23	MEAN	31.5	31.0	34.1	36.9	42.7	49.1	52.1	51.0	48.4	44.2	39.2	36.2	41.2
	SD	7.908	7.403	6.778	6.308	5.697	5.212	4.694	5.336	6.043	7.344	8.100	8.100	6.836
	TOT OBS	916	837	919	900	912	837	823	824	877	921	875	883	10526
ALL	MEAN	31.9	31.3	34.7	37.2	43.0	49.1	52.2	51.3	48.9	44.9	39.9	36.4	41.6
	SD	7.850	7.513	6.914	6.416	5.918	5.522	4.929	5.437	5.920	7.220	8.126	8.136	6.836
HOURS	TOT OBS	7326	6700	7349	7199	7297	6740	6626	6618	7049	7374	6957	7191	84406

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 035937 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 72-87  
MONTH: JAN

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	00-02	100.0	100.0	100.0	100.0	99.8	96.9	81.5	51.9	16.2	80.3	916
	03-05	100.0	100.0	100.0	100.0	100.0	97.0	83.6	51.8	17.3	80.3	916
	06-08	100.0	100.0	100.0	100.0	99.7	97.5	83.1	54.5	16.8	80.8	916
	09-11	100.0	100.0	100.0	100.0	99.6	96.5	82.6	51.3	15.6	80.1	916
	12-14	100.0	100.0	100.0	100.0	99.1	93.1	69.4	38.4	9.5	76.5	916
	15-17	100.0	100.0	100.0	99.9	99.3	93.9	71.5	41.2	9.8	77.3	917
	18-20	100.0	100.0	100.0	100.0	99.6	96.5	79.5	48.1	13.1	79.4	916
	21-23	100.0	100.0	100.0	100.0	99.5	97.2	81.9	49.3	14.6	79.7	916
TOTALS		100.0	100.0	100.0	100.0	99.6	96.1	79.1	48.3	14.1	79.3	7320

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 035832 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 78-47  
MONTH: FEB

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
FEB	00-02	100.0	100.0	100.0	100.0	100.0	98.0	84.6	54.7	17.9	40.8	437
	03-05	100.0	100.0	100.0	100.0	100.0	98.8	82.8	54.4	18.7	41.0	437
	06-08	100.0	100.0	100.0	100.0	100.0	99.2	84.7	55.0	18.3	41.4	437
	09-11	100.0	100.0	100.0	99.9	99.5	95.4	75.4	45.6	12.9	79.6	437
	12-14	100.0	100.0	100.0	98.7	96.5	84.9	54.8	27.5	7.2	72.8	437
	15-17	100.0	100.0	100.0	95.4	97.1	86.0	56.1	28.3	7.5	73.3	440
	18-20	100.0	100.0	100.0	100.0	99.9	96.4	72.8	41.5	12.4	78.0	434
	21-23	100.0	100.0	100.0	100.0	100.0	98.1	79.2	49.8	14.8	79.8	437
	TOTALS	100.0	100.0	100.0	99.8	99.1	94.7	73.8	44.6	13.7	78.2	6700

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 035833 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 76-87  
MONTH: MAR

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN										MEAN	TOTAL
		10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE HUMIDITY	NOM 95%	
MAR	03-07	100.0	100.0	100.0	100.0	99.7	95.0	76.7	44.1	11.8	78.5	918	
	08-09	100.0	100.0	100.0	100.0	99.8	96.4	73.6	50.4	13.3	79.7	918	
	16-08	100.0	100.0	100.0	100.0	99.6	95.2	79.4	50.7	13.6	79.6	918	
	09-11	100.0	100.0	100.0	99.7	95.9	84.5	62.2	30.7	9.4	73.9	918	
	12-14	100.0	100.0	99.8	98.3	87.6	68.5	44.0	19.7	3.4	67.7	918	
	15-17	100.0	99.8	99.5	97.0	85.5	65.0	42.9	16.0	3.6	66.5	921	
	18-20	100.0	100.0	99.9	99.3	96.7	84.9	56.4	27.1	6.1	73.0	918	
	21-23	100.0	100.0	100.0	100.0	99.3	91.0	71.4	37.5	17.2	76.6	918	
	TOTALS	100.0	100.0	99.9	99.3	95.5	85.3	64.0	34.7	8.9	74.4	7346	

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/HAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 025837 STATION NAME: RAF LARKNEATH UNITED KINGDOM

PERIOD OF RECORD: 78-87  
MONTH: APR

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
APR	00-02	100.0	100.0	100.0	100.0	99.1	94.8	79.3	45.7	9.1	74.4	400
	03-05	100.0	100.0	100.0	100.0	99.7	95.4	83.8	51.4	14.1	80.8	400
	06-08	100.0	100.0	100.0	100.0	99.0	93.1	76.9	43.4	11.6	74.0	400
	09-11	100.0	100.0	99.8	94.1	87.9	68.6	43.7	17.4	4.2	57.7	400
	12-14	100.0	100.0	98.9	92.9	73.9	48.2	25.4	9.0	2.0	50.0	400
	15-17	100.0	100.0	98.0	90.4	73.1	45.2	23.2	9.2	2.3	59.7	400
	18-20	100.0	100.0	99.8	97.6	89.0	69.9	42.1	15.8	3.4	67.4	400
	21-23	100.0	100.0	100.0	100.0	97.3	90.7	64.6	30.8	7.0	75.1	400
	TOTALS	100.0	100.0	99.6	93.4	89.9	75.7	55.4	27.8	6.7	70.6	7199

GLOBAL CLIMATOLOGY BRANCH  
USAFETAL  
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 035933 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 24-77  
MONTH: MAY

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAY	00-02	100.0	100.0	100.0	100.0	99.9	98.9	91.8	57.0	18.0	82.2	91
	03-05	100.0	100.0	100.0	100.0	100.0	99.5	95.6	66.2	23.8	64.4	91
	06-08	100.0	100.0	100.0	100.0	99.2	95.1	84.6	48.0	14.7	79.6	91
	09-11	100.0	100.0	99.8	97.3	88.8	88.8	44.7	16.4	4.2	67.0	91
	12-14	100.0	100.0	98.5	92.0	75.1	49.9	29.3	10.9	2.6	61.2	90
	15-17	100.0	100.0	98.2	91.2	74.2	51.3	24.6	10.0	2.4	50.9	91
	18-20	100.0	100.0	99.7	96.9	88.6	69.5	45.2	19.2	4.9	67.7	91
	21-23	100.0	100.0	100.0	99.9	99.5	95.5	74.2	40.0	12.4	79.0	91
	TOTALS	100.0	100.0	99.5	97.2	90.7	78.6	62.5	33.5	10.7	72.6	7247



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 035833 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 79-P7  
MONTH: JUN

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL SUM OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUN	00-02	100.0	100.0	100.0	100.0	100.0	99.4	93.3	60.0	19.4	83.1	840
	03-05	100.0	100.0	100.0	100.0	100.0	99.6	96.6	70.2	23.9	84.7	841
	06-08	100.0	100.0	99.9	99.9	99.6	95.4	83.4	43.1	12.0	78.8	845
	09-11	100.0	100.0	100.0	99.4	92.1	66.4	39.9	14.2	2.4	66.8	847
	12-14	100.0	100.0	99.9	95.5	80.0	45.2	24.0	8.6	1.5	61.0	847
	15-17	100.0	100.0	100.0	96.2	80.1	47.0	27.3	10.0	2.0	61.7	844
	18-20	100.0	100.0	100.0	99.4	93.9	72.0	46.4	17.6	4.9	69.7	839
	21-23	100.0	100.0	100.0	100.0	99.8	96.1	82.8	41.2	10.5	78.5	837
TOTALS		100.0	100.0	100.0	98.8	93.2	77.6	61.7	33.1	9.6	72.9	6741

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: C75837 STATION NAME: RAF LARKENHEAD UNITED KINGDOM

PERIOD OF RECORD: 79-87  
MONTH: JUL

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									PLAN	TOTAL
		10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE HUMIDITY	NOF OBS
JUL	00-02	100.0	100.0	100.0	100.0	100.0	99.1	93.4	50.9	10.4	81.2	827
	03-05	100.0	100.0	100.0	100.0	100.0	99.9	97.2	61.4	14.7	63.5	828
	06-08	100.0	100.0	100.0	100.0	99.9	98.2	85.3	36.7	8.2	78.7	828
	09-11	100.0	100.0	100.0	100.0	94.5	71.0	39.6	11.6	1.7	67.5	834
	12-14	100.0	100.0	99.9	97.3	77.5	45.7	23.1	7.2	1.6	60.7	837
	15-17	100.0	100.0	99.6	96.9	73.6	41.9	23.0	6.1	1.1	59.9	838
	18-20	100.0	100.0	99.9	99.3	92.6	61.7	35.1	10.7	1.8	65.8	828
	21-23	100.0	100.0	100.0	100.0	99.4	94.9	76.7	28.3	5.0	76.1	827
	TOTALS	100.0	100.0	99.9	99.2	92.2	76.5	59.2	26.7	5.6	71.7	6626

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 035833 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 78-87  
MONTH: AUG

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN										MEAN	TOTAL
		10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE HUMIDITY	NUM	
AUG	00-02	100.0	100.0	100.0	100.0	100.0	97.0	89.4	48.3	9.8	60.0	828	
	03-05	100.0	100.0	100.0	100.0	100.0	97.8	90.2	58.8	13.5	82.0	828	
	06-08	100.0	100.0	100.0	100.0	100.0	95.3	83.2	44.7	7.4	75.8	828	
	09-11	100.0	100.0	100.0	99.8	93.4	68.3	37.8	11.5	1.2	65.6	829	
	12-14	100.0	100.0	100.0	96.6	73.2	39.9	20.0	6.0	.7	59.3	831	
	15-17	100.0	100.0	99.9	95.4	70.2	37.2	20.5	7.5	.1	58.5	828	
	18-20	100.0	100.0	100.0	99.4	91.6	65.3	39.3	13.1	1.2	66.5	821	
	21-23	100.0	100.0	100.0	100.0	99.6	94.2	75.4	30.8	3.4	75.9	824	
TOTALS		100.0	100.0	100.0	98.9	91.0	74.4	56.9	27.6	4.5	71.0	6618	

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 035833 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 72-87  
MONTH: SEP

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN										MEAN	TOTAL
		10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE HUMIDITY	NUM	
SEP	00-02	100.0	100.0	100.0	100.0	99.8	94.7	89.9	45.7	9.9	79.7	872	
	03-05	100.0	100.0	100.0	100.0	99.8	95.4	92.2	56.2	14.7	81.6	872	
	06-08	100.0	100.0	100.0	100.0	99.8	95.3	88.6	50.2	12.0	40.3	861	
	09-11	100.0	100.0	100.0	99.7	94.4	75.2	47.1	14.3	3.4	68.9	896	
	12-14	100.0	100.0	99.8	96.6	79.2	41.2	20.9	6.3	1.8	60.7	872	
	15-17	100.0	100.0	99.5	95.7	78.7	45.3	23.1	7.4	1.1	60.5	882	
	18-20	100.0	100.0	100.0	99.0	95.6	80.6	51.8	19.0	3.7	70.4	881	
	21-23	100.0	100.0	100.0	100.0	99.0	93.4	79.0	34.7	6.7	76.8	877	
TOTALS		100.0	100.0	99.9	98.9	93.3	77.6	61.6	29.2	6.7	72.3	7646	

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 035833 STATION NAME: RAF LARKHURST, UNITED KINGDOM

PERIOD OF RECORD: 77-86  
MONTH: OCT

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN										MEAN [RELATIVE HUMIDITY]	TOTAL NUM OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%			
OCT	00-02	100.0	100.0	100.0	100.0	100.0	99.7	90.0	50.8	14.2	81.2	921	
	03-05	100.0	100.0	100.0	100.0	100.0	99.8	93.6	52.6	16.4	81.8	921	
	06-08	100.0	100.0	100.0	100.0	100.0	99.9	93.5	51.4	15.4	81.5	921	
	09-11	100.0	100.0	100.0	100.0	99.9	90.1	65.7	28.1	6.9	74.5	921	
	12-14	100.0	100.0	100.0	99.7	92.5	65.0	36.4	11.5	3.3	66.3	921	
	15-17	100.0	100.0	100.0	99.7	95.7	74.4	43.8	13.2	3.0	68.2	921	
	18-20	100.0	100.0	100.0	100.0	100.0	96.9	78.3	32.4	8.8	76.9	921	
	21-23	100.0	100.0	100.0	100.0	100.0	99.8	88.9	40.9	11.7	79.6	921	
	TOTALS	100.0	100.0	100.0	99.9	98.5	90.7	74.2	35.1	10.0	76.3	7374	

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATION

RELATIVE HUMIDITY

STATION NUMBER: 035833 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 77-86

MONTH: NOV

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN	TOTAL
		10%	20%	30%	40%	50%	60%	70%	80%	90%	[RELATIVE HUMIDITY]	NUM
NOV	00-02	100.0	100.0	100.0	100.0	100.0	98.9	85.9	54.0	17.2	81.2	871
	03-05	100.0	100.0	100.0	100.0	100.0	98.0	86.4	54.4	21.3	81.7	871
	06-08	100.0	100.0	100.0	100.0	100.0	97.9	87.5	53.1	17.9	81.6	871
	09-11	100.0	100.0	100.0	100.0	99.4	95.9	81.7	42.8	14.0	78.9	871
	12-14	100.0	100.0	100.0	100.0	97.1	88.5	65.0	27.3	6.3	73.7	871
	15-17	100.0	100.0	100.0	100.0	98.5	90.3	70.3	32.3	8.3	75.5	871
	18-20	100.0	100.0	100.0	100.0	100.0	96.0	80.3	44.3	11.8	79.0	871
	21-23	100.0	100.0	100.0	100.0	100.0	97.9	81.7	51.5	13.1	80.1	871
	TOTALS	100.0	100.0	100.0	100.0	99.4	95.4	79.9	45.0	13.7	79.0	6987

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 035833 STATION NAME: RAF LANKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 77-86

MONTH: DEC

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN								MEAN RELATIVE HUMIDITY	TOTAL NUM OBS
		10%	20%	30%	40%	50%	60%	70%	80%		
DEC	00-02	100.0	100.0	100.0	100.0	100.0	98.7	87.8	61.6	19.5	897
	03-05	100.0	100.0	100.0	100.0	100.0	99.0	87.8	58.3	19.7	897
	06-08	100.0	100.0	100.0	100.0	100.0	99.8	88.0	59.2	19.8	994
	09-11	100.0	100.0	100.0	100.0	100.0	98.1	86.2	53.8	16.2	894
	12-14	100.0	100.0	100.0	100.0	99.8	95.1	79.8	41.2	12.7	896
	15-17	100.0	100.0	100.0	100.0	100.0	97.4	81.7	49.4	17.0	894
	18-20	100.0	100.0	100.0	100.0	100.0	98.5	85.7	57.1	21.1	862
	21-23	100.0	100.0	100.0	100.0	100.0	99.2	87.7	60.0	24.1	862
TOTALS		100.0	100.0	100.0	100.0	100.0	98.2	85.6	55.1	18.8	7141

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 035833 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 77-87  
MONTH: ALL

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN										MEAN	TOTAL
		10%	20%	30%	40%	50%	60%	70%	80%	90%	(RELATIVE HUMIDITY)	NUM	OBS
JAN	ALL	100.0	100.0	100.0	100.0	99.6	96.1	79.1	48.3	14.1	79.3	7326	
FEB		100.0	100.0	100.0	99.8	99.1	94.7	73.8	44.6	13.7	78.2	6700	
MAR		100.0	100.0	99.9	99.3	95.5	85.3	64.0	34.7	8.9	74.4	7349	
APR		100.0	100.0	99.6	97.4	89.9	75.7	55.4	27.8	6.7	70.9	7195	
MAY		100.0	100.0	99.5	97.2	90.7	78.6	62.5	33.5	10.3	72.6	7247	
JUN		100.0	100.0	100.0	98.8	93.2	77.6	61.7	33.1	9.6	72.9	6740	
JUL		100.0	100.0	99.9	99.2	92.2	76.6	59.2	26.7	5.6	71.7	6626	
AUG		100.0	100.0	100.0	98.9	91.0	74.4	56.9	27.6	4.5	71.0	6618	
SEP		100.0	100.0	99.9	98.9	93.3	77.6	61.6	29.2	6.7	72.3	7045	
OCT		100.0	100.0	100.0	99.9	98.5	90.7	74.2	35.1	10.0	76.3	7374	
NOV		100.0	100.0	100.0	100.0	99.4	95.4	79.9	45.0	13.7	79.0	6987	
DEC		100.0	100.0	100.0	100.0	100.0	98.2	85.6	55.1	18.8	81.3	7141	
TOTALS		100.0	100.0	99.9	99.1	95.2	85.1	67.8	36.7	10.2	75.0	84401	



PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTT	FFFFFFFF
PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTT	FFFFFFFF
PP PP	AA AA	RR RR	II	FF
PP PP	AA AA	RR RR	II	FF
PPPPPPPP	AA AA	RRRRRRRR	II	FFFF
PPPPPPPP	AAAAAAAA	RRRRRRRR	II	FFFF
PP	AAAAAAAA	RR RR	II	FI
PP	AA AA	RR RR	II	FF
PP	AA AA	RR RR	II	FF
PP	AA AA	RR RR	II	FF

PRESSURE SUMMARIES

STATION PRESSURE SUMMARIES

DATA DERIVED FROM HOURLY OBSERVATIONS.

SUMMARIZED BY THE STANDARD 3-FOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED).

PRESENTED ARE THE MEANS, STANDARD DEVIATIONS AND OBSERVATION COUNTS.

SEA LEVEL PRESSURE SUMMARIES

DATA DERIVED FROM HOURLY OBSERVATIONS.

SUMMARIZED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED).

PRESENTED ARE THE MEANS, STANDARD DEVIATIONS AND OBSERVATION COUNTS.

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

STATION PRESSURE IN INCHES HG FROM  
HOURLY OBSERVATIONS

MEANS AND STANDARD DEVIATIONS

STATION NUMBER: 035833 STATION NAME: RAF LAKENHEATH UNITED KINGDOM

PERIOD OF RECORD: 77-87

HOURS LST	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	MEAN	29.975	29.976	29.811	29.920	29.892	29.930	29.975	29.936	29.959	29.927	29.911	29.875	29.910
	SD	.398	.361	.381	.313	.254	.212	.196	.193	.262	.343	.345	.436	.323
	TOT OBS	305	279	306	300	305	280	274	276	271	307	291	299	3513
03	MEAN	29.897	29.964	29.794	29.919	29.879	29.918	29.963	29.926	29.946	29.894	29.899	29.799	29.894
	SD	.399	.361	.382	.310	.256	.214	.201	.197	.266	.334	.349	.431	.324
	TOT OBS	305	279	306	300	305	280	275	276	291	307	290	299	3513
06	MEAN	29.884	29.962	29.791	29.926	29.885	29.925	29.967	29.929	29.947	29.894	29.898	29.794	29.899
	SD	.405	.361	.386	.310	.258	.216	.205	.201	.269	.339	.346	.426	.325
	TOT OBS	305	279	306	300	303	281	276	276	292	307	293	299	3514
09	MEAN	29.901	29.982	29.804	29.937	29.892	29.936	29.975	29.940	29.959	29.912	29.917	29.803	29.912
	SD	.407	.360	.393	.311	.259	.218	.206	.205	.275	.343	.345	.424	.327
	TOT OBS	305	279	306	300	304	283	276	276	296	306	290	299	3521
12	MEAN	29.895	29.983	29.801	29.930	29.887	29.930	29.970	29.934	29.952	29.906	29.913	29.801	29.907
	SD	.412	.358	.394	.310	.259	.213	.204	.200	.268	.340	.342	.426	.326
	TOT OBS	305	279	306	300	303	282	279	277	297	306	293	299	3526
15	MEAN	29.882	29.965	29.787	29.915	29.877	29.923	29.959	29.923	29.938	29.890	29.897	29.784	29.894
	SD	.412	.356	.384	.308	.257	.210	.197	.195	.260	.335	.343	.424	.322
	TOT OBS	305	280	307	300	304	283	278	277	295	307	292	298	3526
18	MEAN	29.897	29.973	29.797	29.917	29.876	29.915	29.952	29.920	29.942	29.903	29.911	29.795	29.899
	SD	.406	.356	.384	.309	.256	.205	.194	.192	.255	.334	.342	.426	.320
	TOT OBS	306	280	307	300	304	280	276	274	294	307	292	296	3516
21	MEAN	29.909	29.978	29.806	29.936	29.900	29.932	29.971	29.943	29.961	29.911	29.916	29.805	29.910
	SD	.401	.356	.384	.312	.254	.209	.192	.191	.259	.339	.346	.431	.322
	TOT OBS	305	279	306	300	303	279	275	274	293	307	292	294	3507
ALL	MEAN	29.896	29.973	29.799	29.926	29.886	29.926	29.966	29.931	29.951	29.902	29.908	29.799	29.904
	SD	.404	.356	.385	.310	.256	.212	.199	.197	.264	.339	.344	.426	.324
HOURS	TOT OBS	2441	2234	2450	2400	2431	2248	2209	2206	2349	2464	2330	2380	2413

END

DATE

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